

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073489.D
 Acq On : 18 Jul 2022 10:42
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 18 15:27:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	199197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	340811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	312970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	157426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	144733	50.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	7.951	113	118100	52.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.160%	
50) Toluene-d8	10.375	98	402531	49.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.669	95	164440	53.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.260%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.046	85	142897	49.067	ug/l	100
3) Chloromethane	2.269	50	141238	49.953	ug/l	98
4) Vinyl Chloride	2.405	62	113841	47.388	ug/l	98
5) Bromomethane	2.781	94	59524	52.459	ug/l	93
6) Chloroethane	2.946	64	74176	52.489	ug/l	98
7) Trichlorofluoromethane	3.304	101	207530	49.968	ug/l	99
8) Diethyl Ether	3.763	74	91534	54.140	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.134	101	131116	53.428	ug/l	96
10) Methyl Iodide	4.340	142	133005	45.720	ug/l	95
11) Tert butyl alcohol	5.287	59	179965	258.345	ug/l	100
12) 1,1-Dichloroethene	4.110	96	114877	48.989	ug/l	92
13) Acrolein	3.975	56	75433	171.321	ug/l	95
14) Allyl chloride	4.757	41	262825	53.204	ug/l #	91
15) Acrylonitrile	5.469	53	538402	300.238	ug/l	99
16) Acetone	4.216	43	480943	297.956	ug/l	95
17) Carbon Disulfide	4.457	76	254171	41.802	ug/l	98
18) Methyl Acetate	4.769	43	298664	66.026	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	472504	55.286	ug/l	98
20) Methylene Chloride	5.010	84	145116	51.157	ug/l #	84
21) trans-1,2-Dichloroethene	5.504	96	121862	49.736	ug/l	90
22) Diisopropyl ether	6.404	45	555814	60.297	ug/l	94
23) Vinyl Acetate	6.345	43	2317817	280.841	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	269897	56.579	ug/l	99
25) 2-Butanone	7.257	43	776580	302.185	ug/l	91
26) 2,2-Dichloropropane	7.239	77	211718	47.988	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	153392	51.696	ug/l	91
28) Bromochloromethane	7.581	49	125306	62.721	ug/l #	79
29) Tetrahydrofuran	7.604	42	527493	299.771	ug/l #	85
30) Chloroform	7.739	83	269432	56.078	ug/l	100
31) Cyclohexane	8.022	56	221354	47.001	ug/l	88
32) 1,1,1-Trichloroethane	7.939	97	228401	53.344	ug/l	100
36) 1,1-Dichloropropene	8.145	75	184810	52.970	ug/l	97
37) Ethyl Acetate	7.334	43	306255	58.094	ug/l #	94
38) Carbon Tetrachloride	8.134	117	185695	51.467	ug/l	97
39) Methylcyclohexane	9.392	83	214378	49.354	ug/l	93
40) Benzene	8.386	78	585550	54.382	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	153310	59.964	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	217849	55.814	ug/l	98
43) Isopropyl Acetate	8.492	43	446685	58.958	ug/l #	92
44) Trichloroethene	9.145	130	138137	50.413	ug/l	89
45) 1,2-Dichloropropane	9.422	63	158139	57.622	ug/l	97
46) Dibromomethane	9.510	93	100213	53.779	ug/l	92
47) Bromodichloromethane	9.698	83	213184	59.068	ug/l	98
48) Methyl methacrylate	9.492	41	200029	57.021	ug/l	90
49) 1,4-Dioxane	9.504	88	77554	1164.575	ug/l #	90
51) 4-Methyl-2-Pentanone	10.269	43	1531635	318.786	ug/l	89
52) Toluene	10.439	92	360381	54.158	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	221916	55.855	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	238535	55.611	ug/l	91
55) 1,1,2-Trichloroethane	10.839	97	154328	56.335	ug/l	96
56) Ethyl methacrylate	10.698	69	250426	56.557	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	266040	56.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	565675	286.457	ug/l	92
59) 2-Hexanone	11.027	43	1155974	315.633	ug/l	87
60) Dibromochloromethane	11.175	129	157931	60.467	ug/l	98
61) 1,2-Dibromoethane	11.280	107	151170	55.247	ug/l	99
64) Tetrachloroethene	10.916	164	129245	50.573	ug/l	96
65) Chlorobenzene	11.710	112	375549	53.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	142629	54.783	ug/l	98
67) Ethyl Benzene	11.786	91	699399	54.427	ug/l	98
68) m/p-Xylenes	11.892	106	533835	110.076	ug/l	96
69) o-Xylene	12.216	106	258457	52.204	ug/l	92
70) Styrene	12.233	104	447840	58.589	ug/l	99
71) Bromoform	12.398	173	113200	59.421	ug/l #	99
73) Isopropylbenzene	12.516	105	694033	51.053	ug/l	98
74) N-amyl acetate	12.327	43	348315	51.170	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	244504	54.200	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	320717	77.913	ug/l #	1
77) Bromobenzene	12.798	156	159275	50.393	ug/l	87
78) n-propylbenzene	12.857	91	821045	54.366	ug/l	97
79) 2-Chlorotoluene	12.945	91	498615	52.166	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	585816	52.869	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	78901	52.566	ug/l	92
82) 4-Chlorotoluene	13.045	91	479313	51.797	ug/l	97
83) tert-Butylbenzene	13.263	119	511388	51.479	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	579359	52.370	ug/l	98
85) sec-Butylbenzene	13.439	105	736813	55.237	ug/l	98
86) p-Isopropyltoluene	13.557	119	591955	54.935	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	291478	51.405	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	290801	51.186	ug/l	99
89) n-Butylbenzene	13.880	91	511977	57.018	ug/l	98
90) Hexachloroethane	14.151	117	106137	52.853	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	302013	52.286	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55841	50.929	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	158064	52.555	ug/l	98
94) Hexachlorobutadiene	15.304	225	72710	54.384	ug/l	94
95) Naphthalene	15.433	128	584081	48.140	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	163189	52.600	ug/l	97

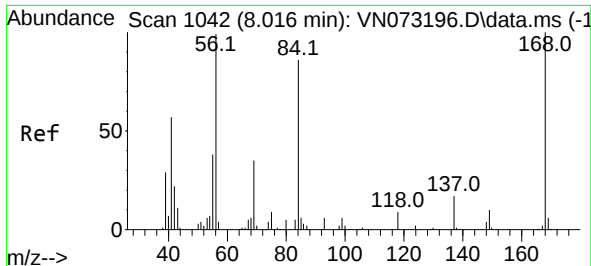
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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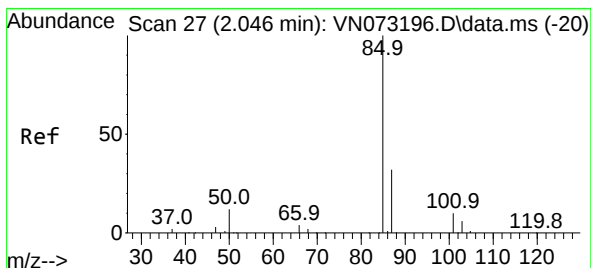
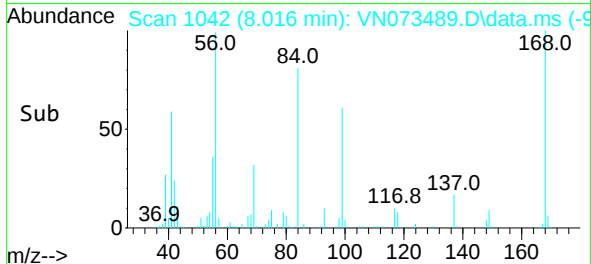
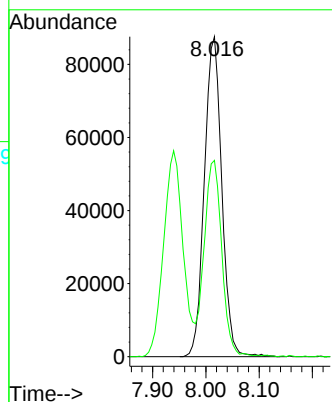
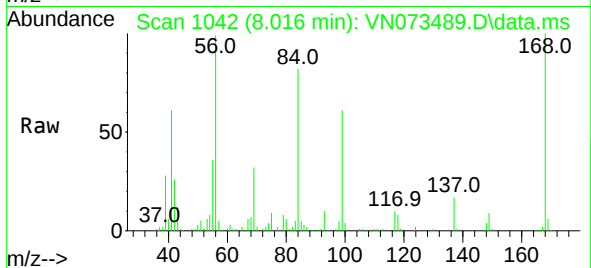
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073489.D
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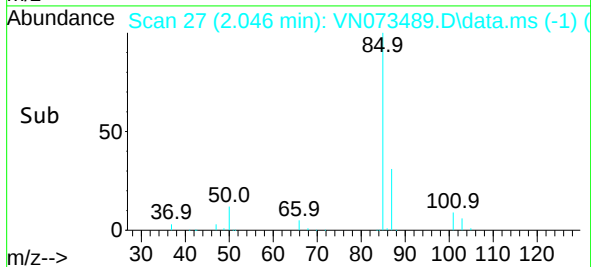
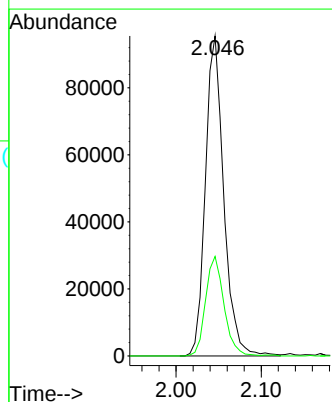
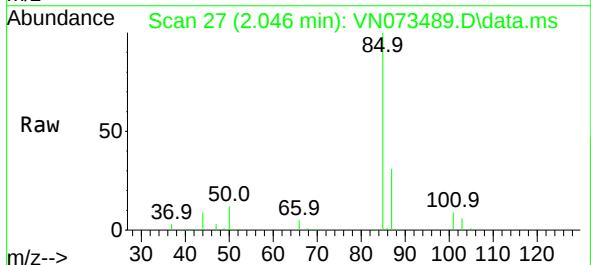
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 199197
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 49.067 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 85 Resp: 142897
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.1

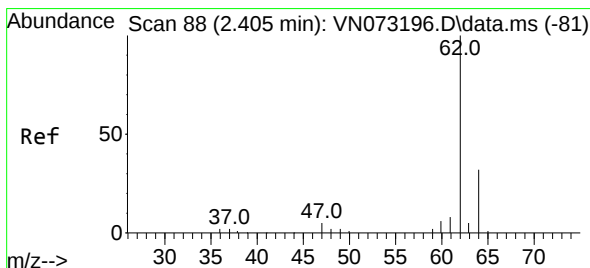
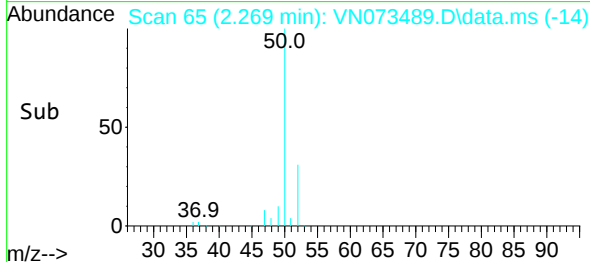
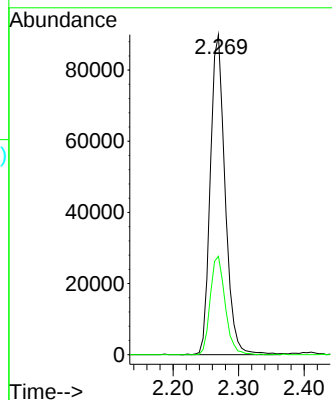
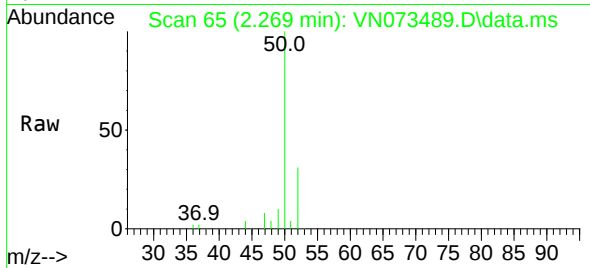




#3
Chloromethane
Concen: 49.953 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

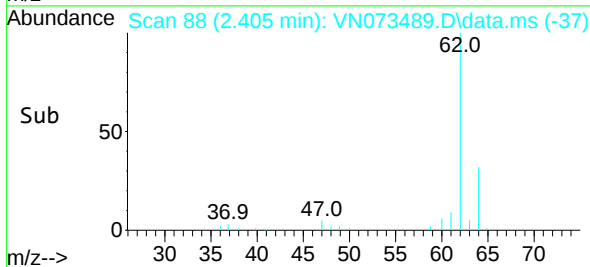
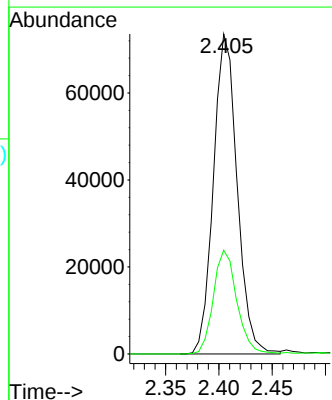
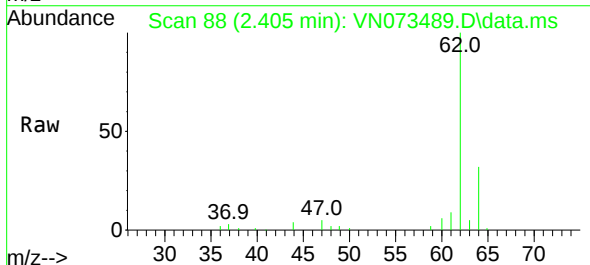
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MSVOA_N
ClientSampleId :
VSTDCCC050

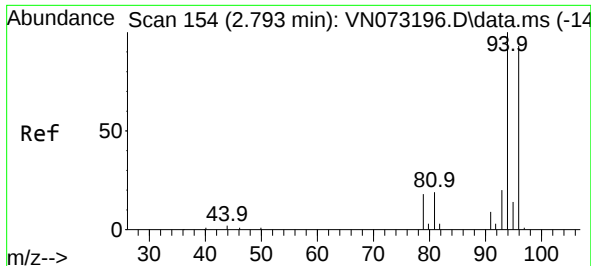
Tgt Ion: 50 Resp: 141238
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5



#4
Vinyl Chloride
Concen: 47.388 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 62 Resp: 113841
Ion Ratio Lower Upper
62 100
64 32.4 25.0 37.4

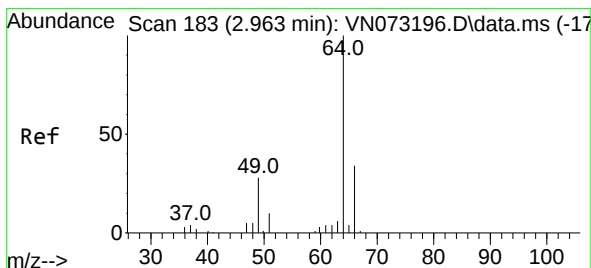
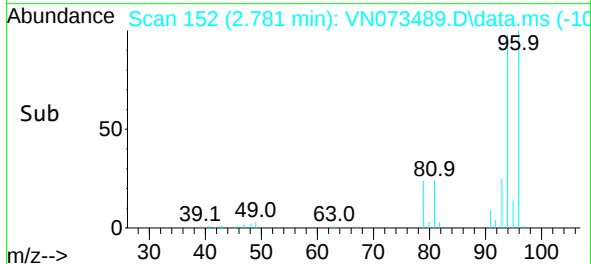
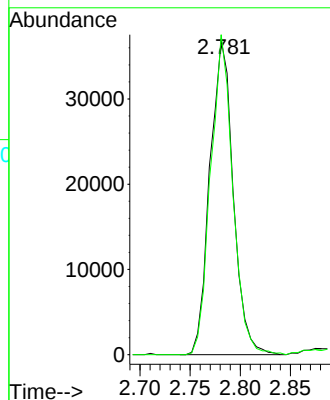
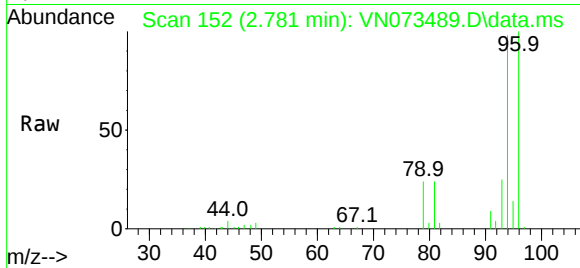




#5
Bromomethane
Concen: 52.459 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

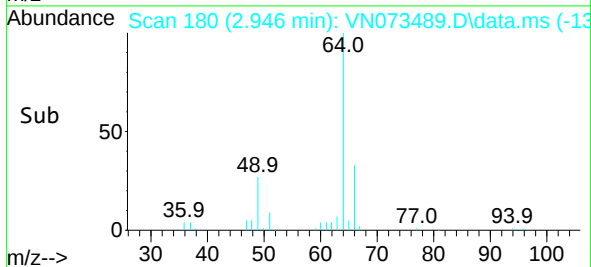
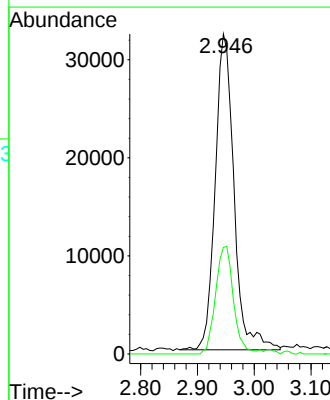
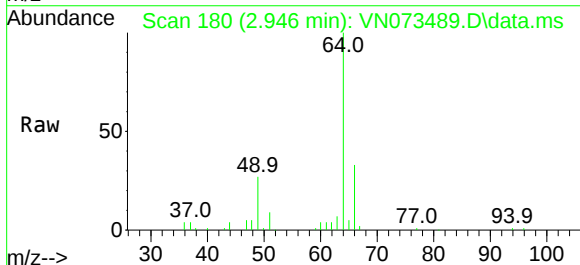
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 59524
Ion Ratio Lower Upper
94 100
96 101.6 76.0 114.0



#6
Chloroethane
Concen: 52.489 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 64 Resp: 74176
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4

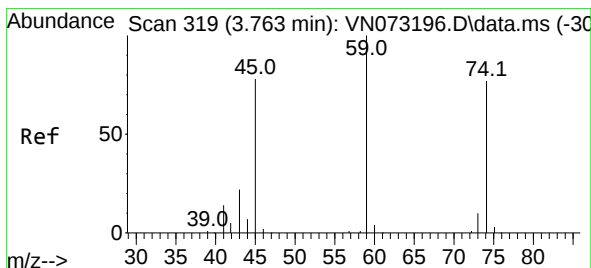
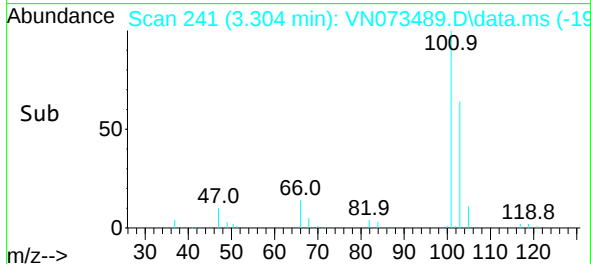
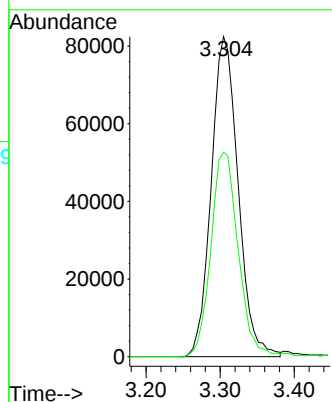
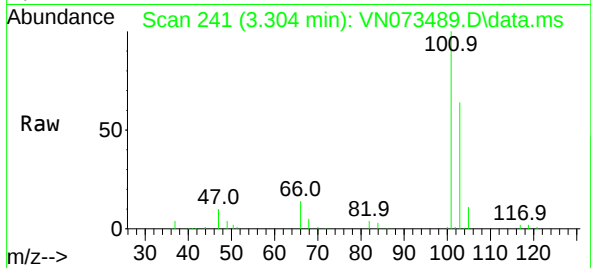




#7
 Trichlorofluoromethane
 Concen: 49.968 ug/l
 RT: 3.304 min Scan# 243
 Delta R.T. -0.012 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

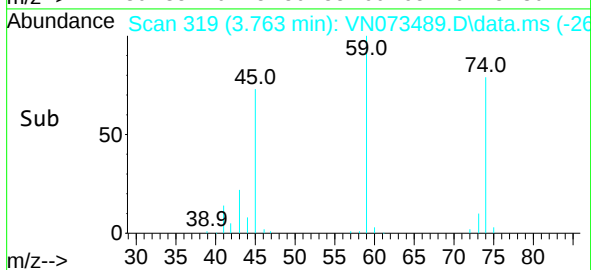
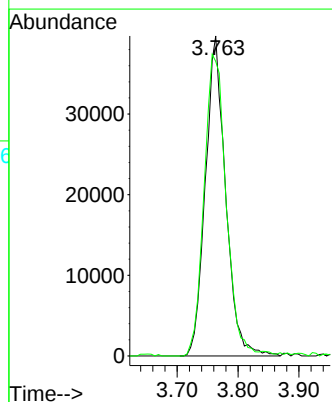
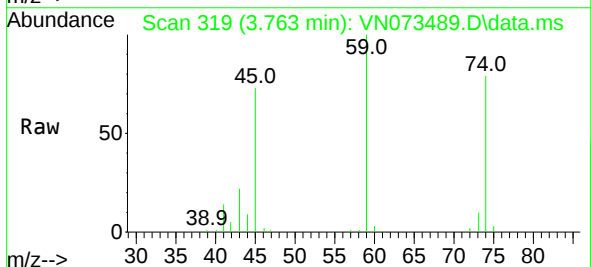
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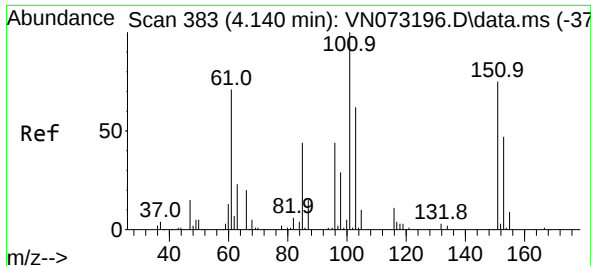
Tgt Ion:101 Resp: 207530
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 54.140 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion: 74 Resp: 91534
 Ion Ratio Lower Upper
 74 100
 45 102.6 42.9 128.5

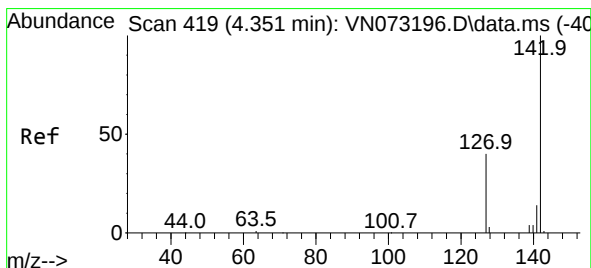
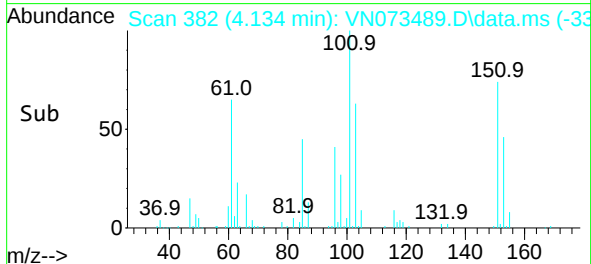
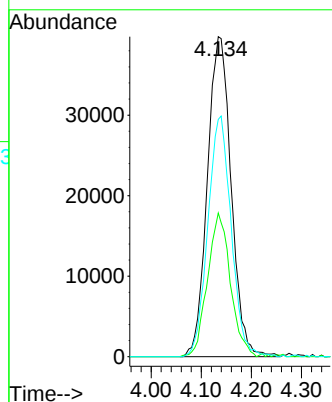
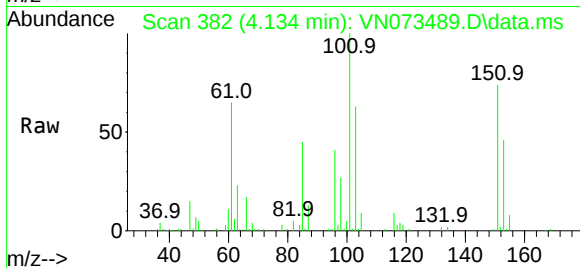




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.428 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

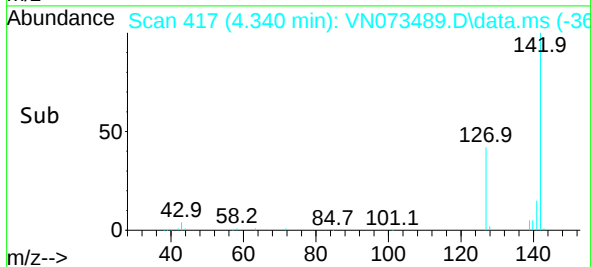
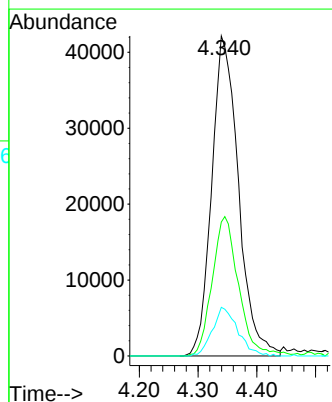
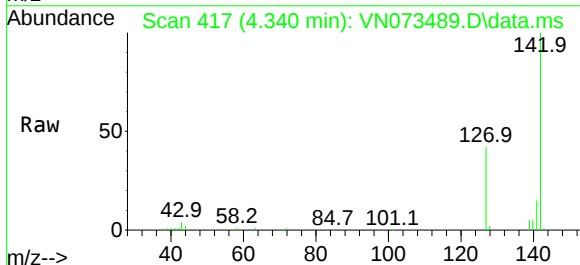
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VSTDCCC050

Tgt Ion:101 Resp: 131116
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 73.9 63.0 94.4



#10
Methyl Iodide
Concen: 45.720 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion:142 Resp: 133005
Ion Ratio Lower Upper
142 100
127 43.1 31.3 46.9
141 14.6 11.2 16.8

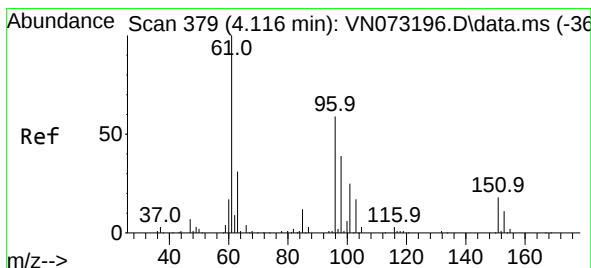
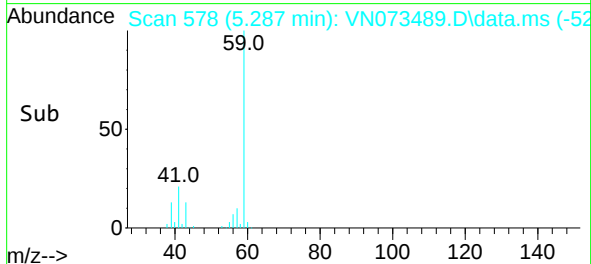
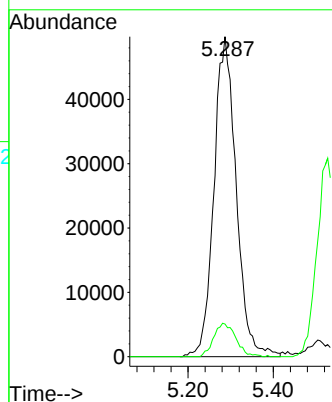
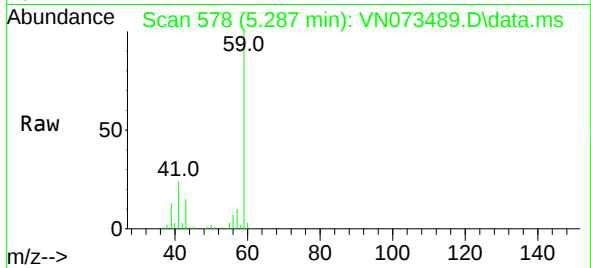




#11
Tert butyl alcohol
Concen: 258.345 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

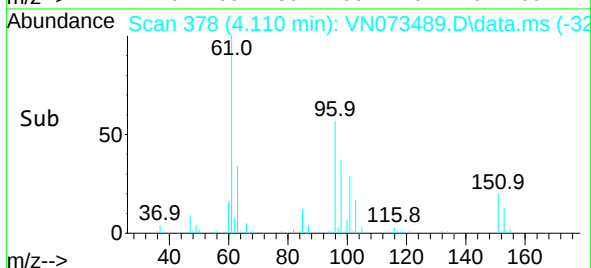
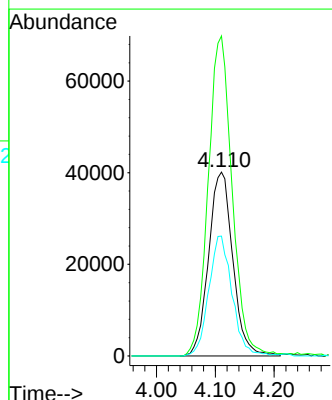
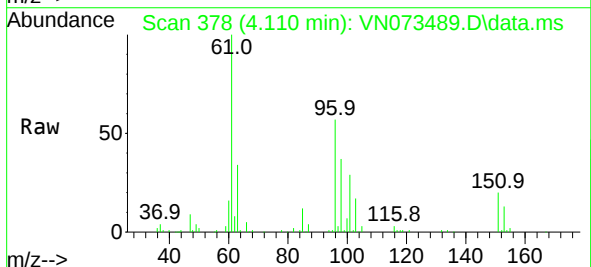
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 179965
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.989 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 96 Resp: 114877
Ion Ratio Lower Upper
96 100
61 174.1 127.6 191.4
98 65.2 51.2 76.8

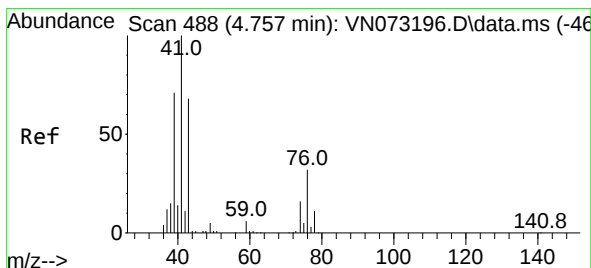
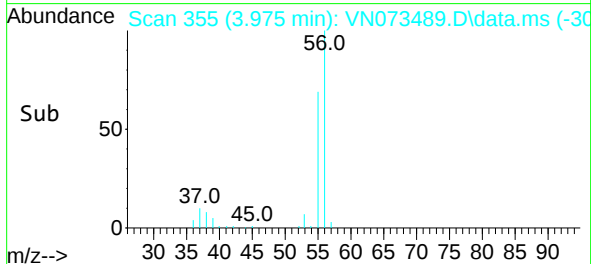
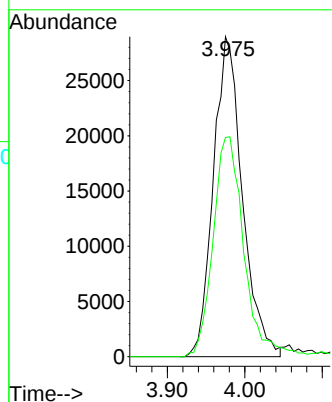
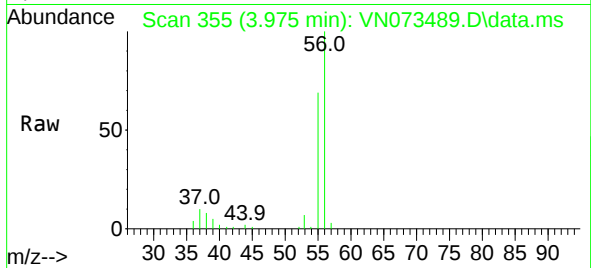




#13
Acrolein
Concen: 171.321 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

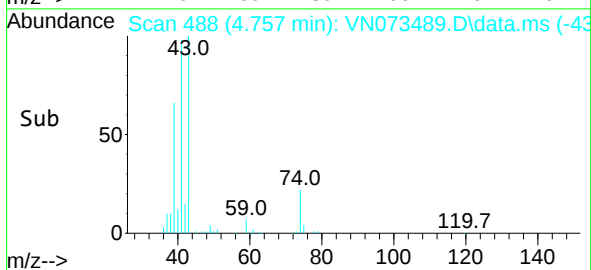
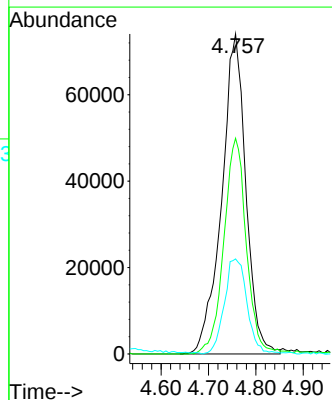
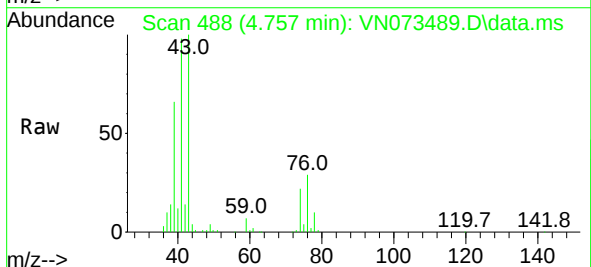
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 75433
Ion Ratio Lower Upper
56 100
55 72.8 54.8 82.2



#14
Allyl chloride
Concen: 53.204 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 41 Resp: 262825
Ion Ratio Lower Upper
41 100
39 62.8 53.2 79.8
76 27.9 29.9 44.9

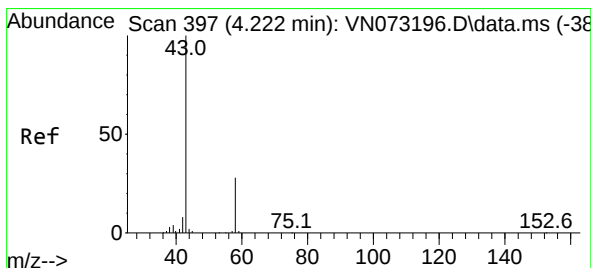
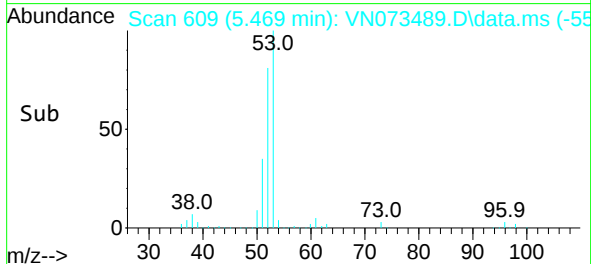
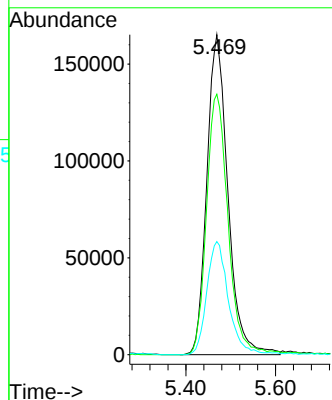
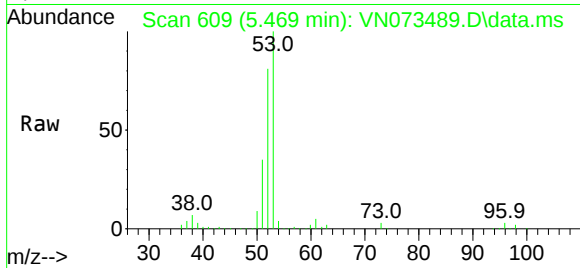




#15
Acrylonitrile
Concen: 300.238 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

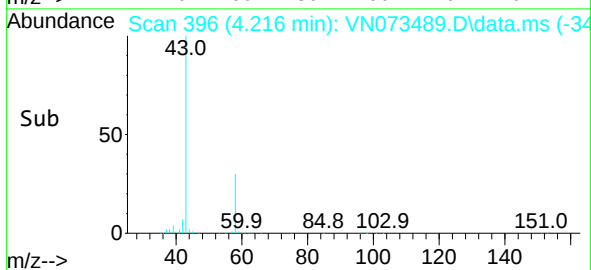
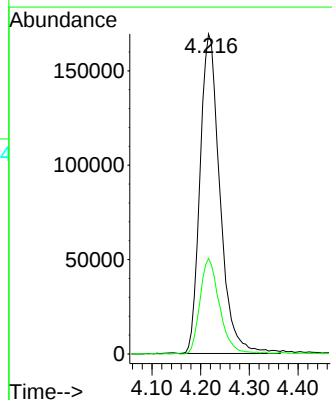
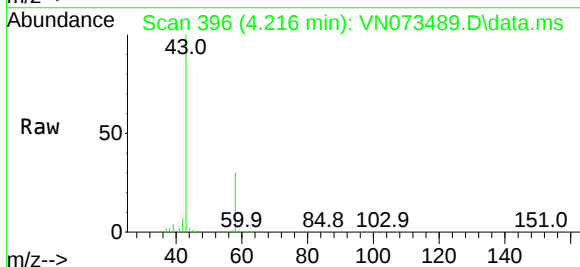
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

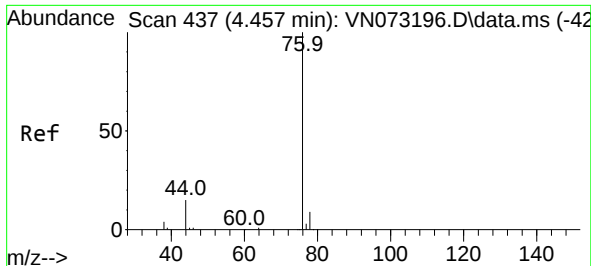
Tgt Ion: 53 Resp: 538402
Ion Ratio Lower Upper
53 100
52 84.0 66.4 99.6
51 36.2 28.5 42.7



#16
Acetone
Concen: 297.956 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 43 Resp: 480943
Ion Ratio Lower Upper
43 100
58 29.9 26.0 39.0

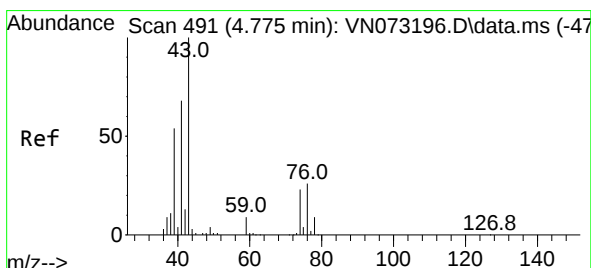
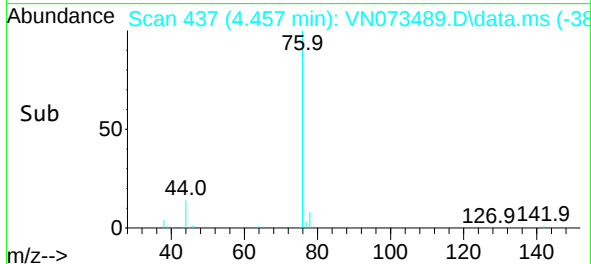
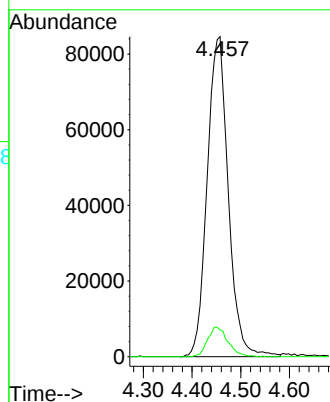
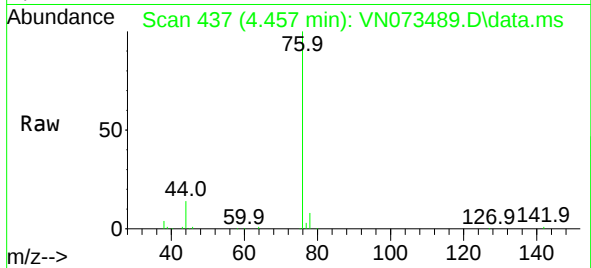




#17
Carbon Disulfide
Concen: 41.802 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

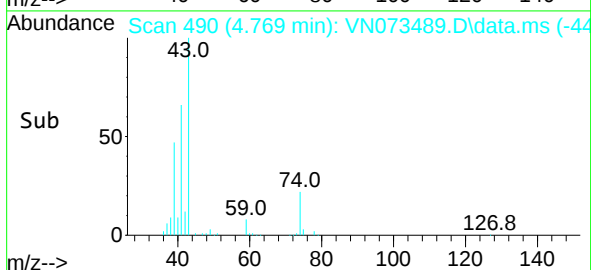
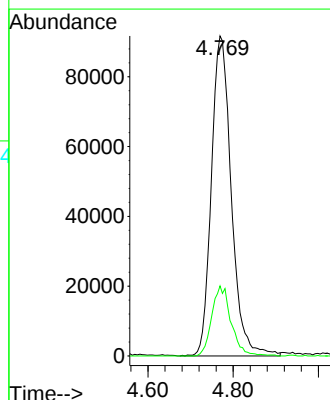
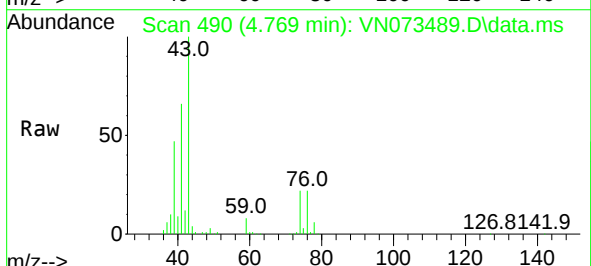
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 254171
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#18
Methyl Acetate
Concen: 66.026 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 43 Resp: 298664
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#

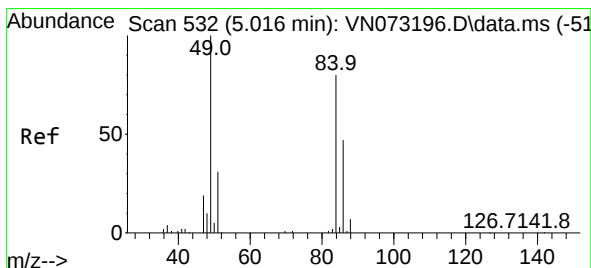
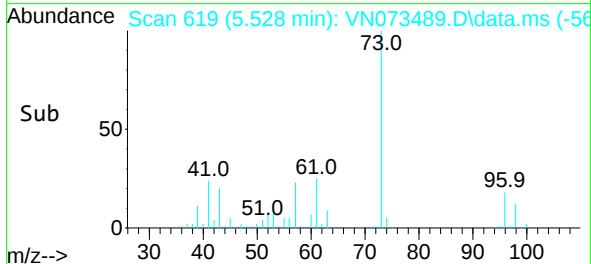
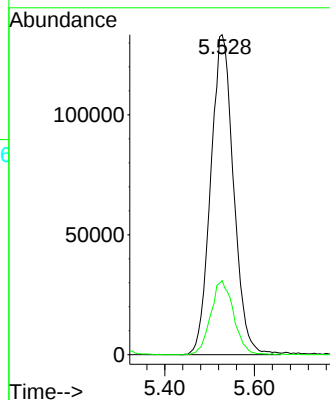
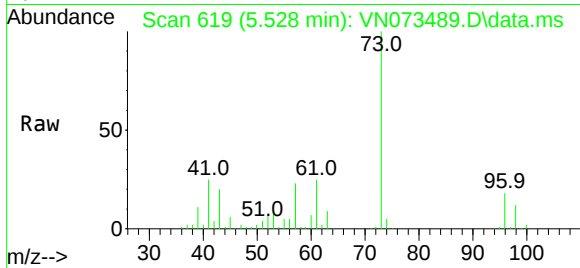




#19
Methyl tert-butyl Ether
Concen: 55.286 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

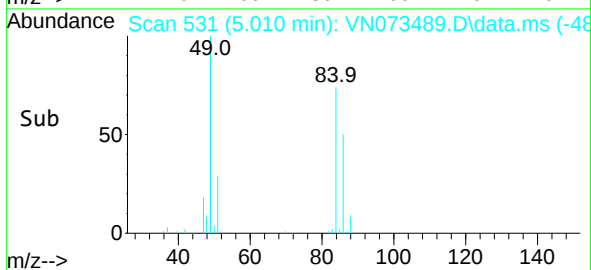
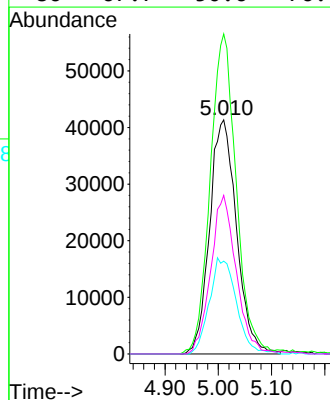
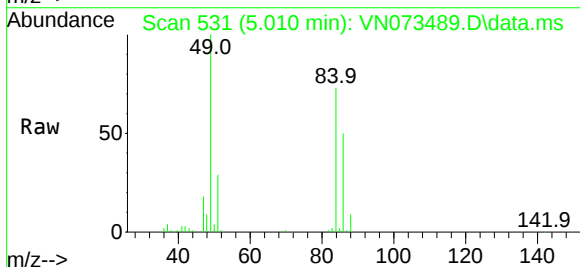
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

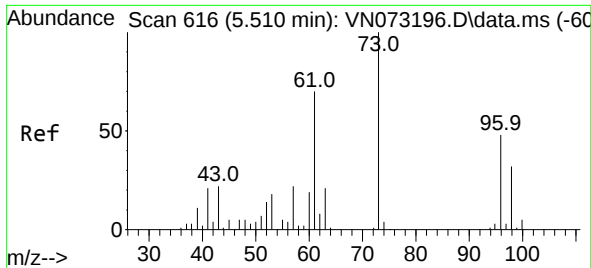
Tgt Ion: 73 Resp: 472504
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 51.157 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 84 Resp: 145116
Ion Ratio Lower Upper
84 100
49 136.7 88.3 132.5#
51 39.6 28.2 42.2
86 67.7 50.6 76.0

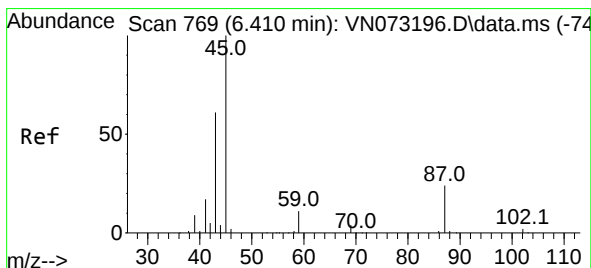
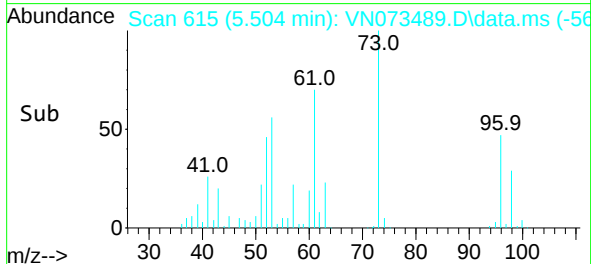
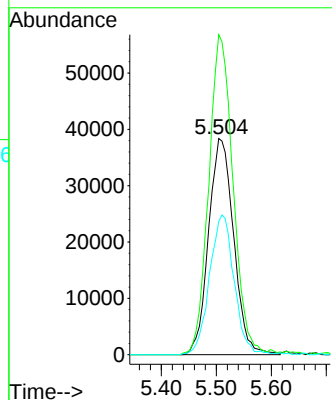
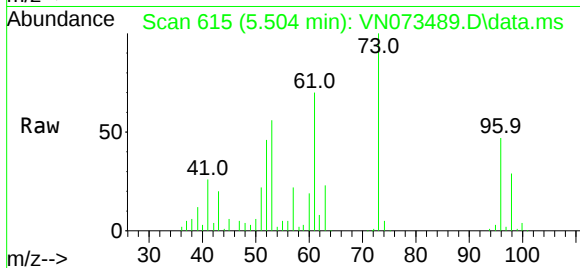




#21
trans-1,2-Dichloroethene
Concen: 49.736 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

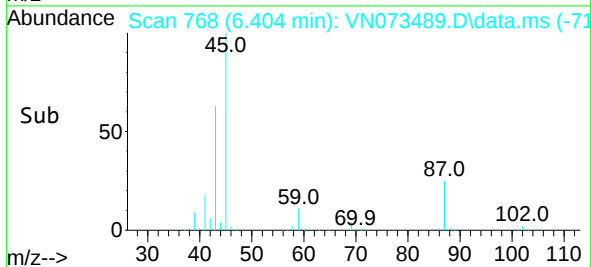
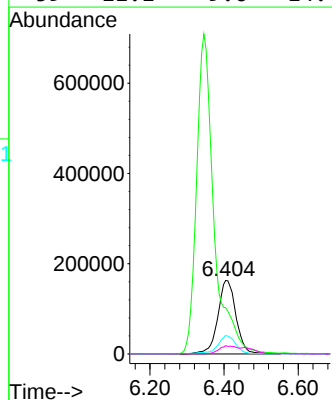
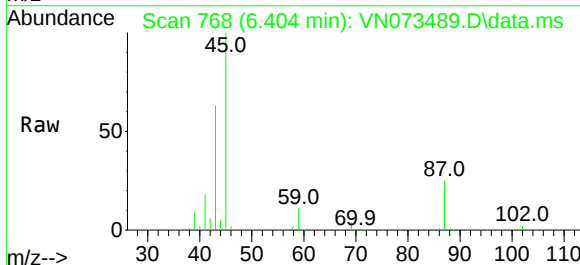
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

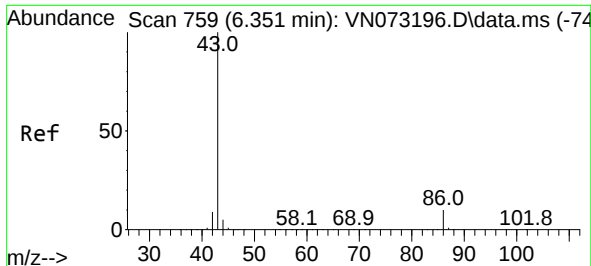
Tgt Ion: 96 Resp: 121862
Ion Ratio Lower Upper
96 100
61 148.0 105.8 158.8
98 61.6 50.3 75.5



#22
Diisopropyl ether
Concen: 60.297 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 45 Resp: 555814
Ion Ratio Lower Upper
45 100
43 62.3 46.6 70.0
87 24.8 24.3 36.5
59 11.1 9.6 14.4

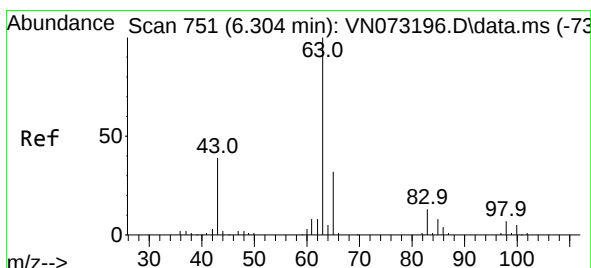
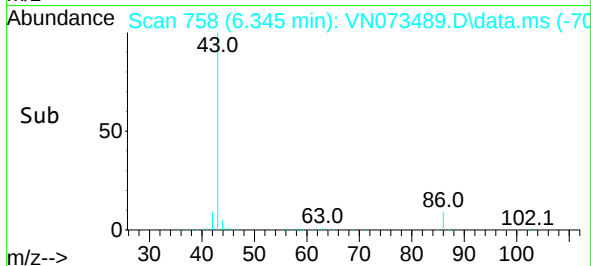
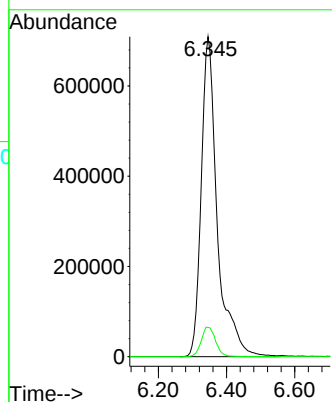
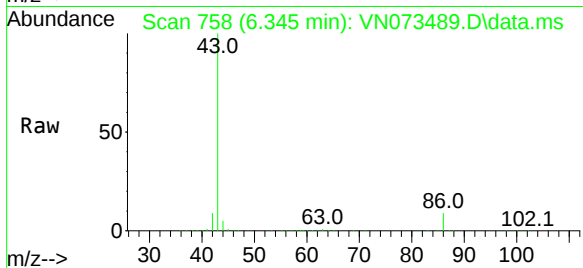




#23
 Vinyl Acetate
 Concen: 280.841 ug/l
 RT: 6.345 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

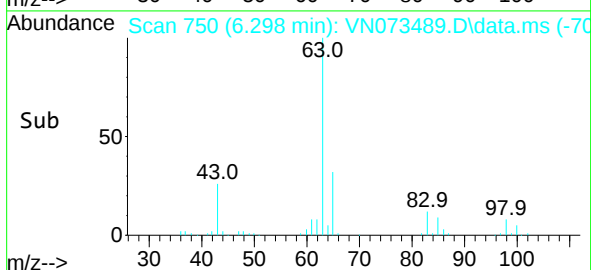
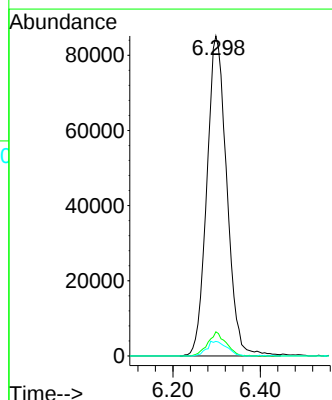
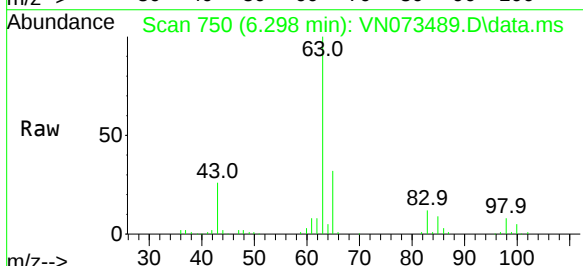
Instrument :
 MSVOA_N
 ClientSampleId :
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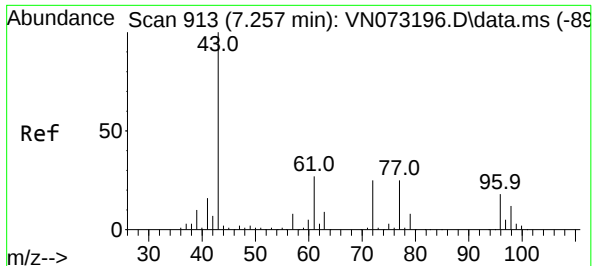
Tgt Ion: 43 Resp: 2317817
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.0 15.0#



#24
 1,1-Dichloroethane
 Concen: 56.579 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion: 63 Resp: 269897
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.6 2.3 6.8

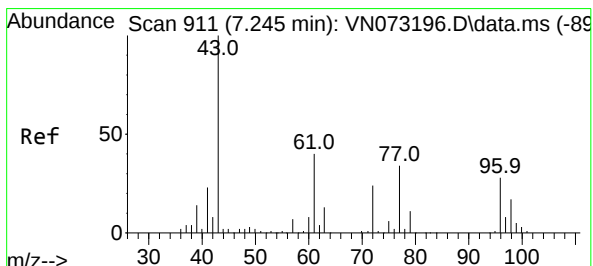
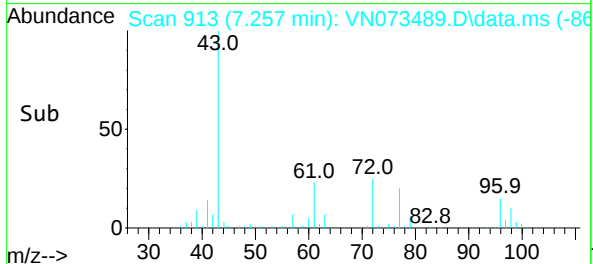
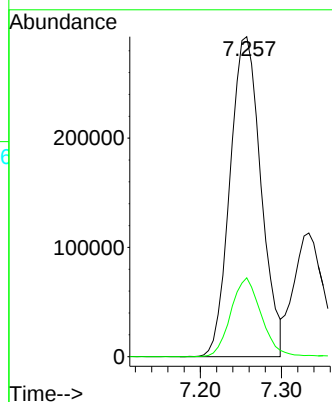
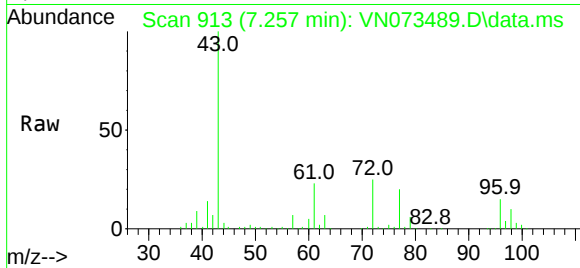




#25
2-Butanone
Concen: 302.185 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

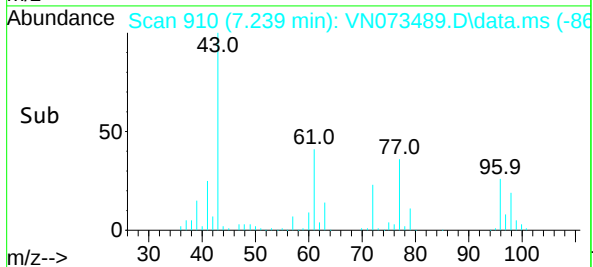
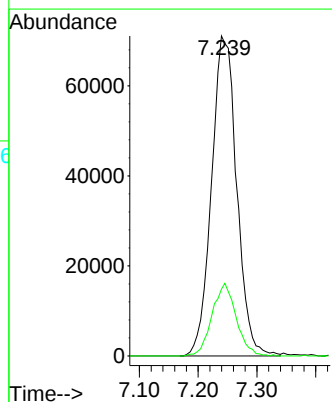
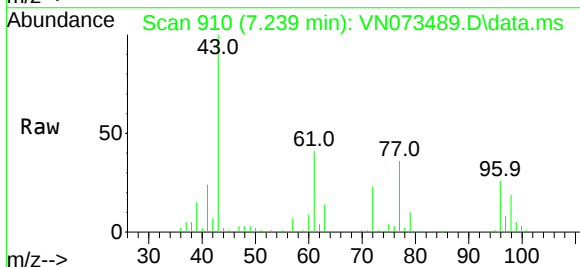
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

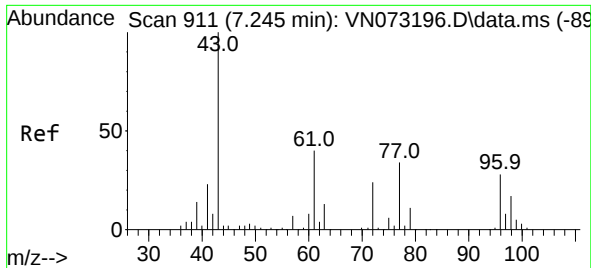
Tgt Ion: 43 Resp: 776580
Ion Ratio Lower Upper
43 100
72 24.6 23.7 35.5



#26
2,2-Dichloropropane
Concen: 47.988 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 77 Resp: 211718
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2

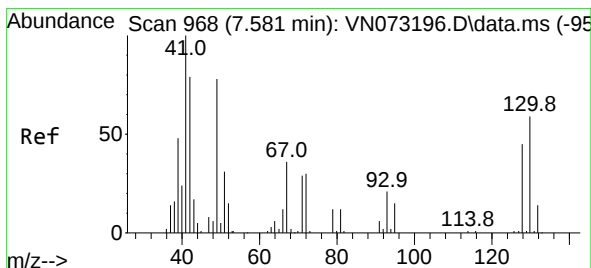
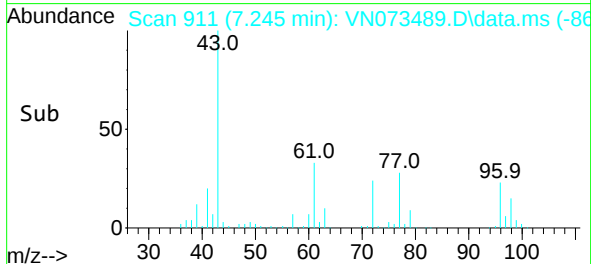
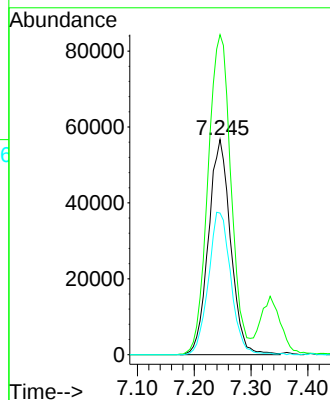
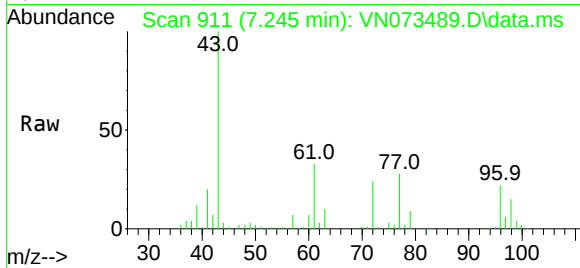




#27
 cis-1,2-Dichloroethene
 Concen: 51.696 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

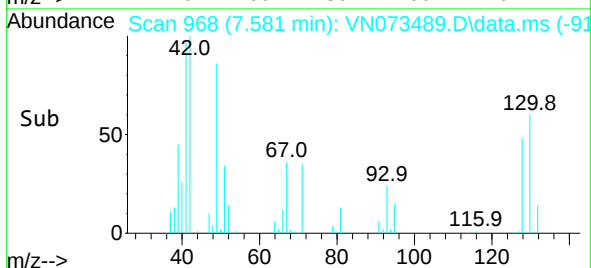
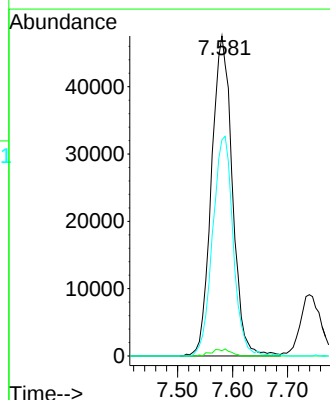
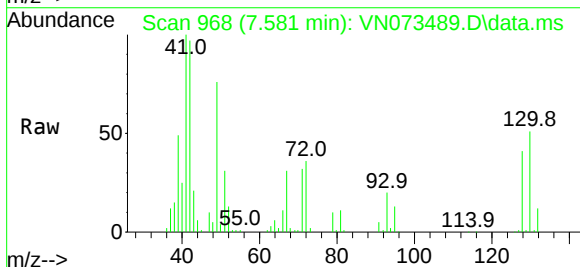
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

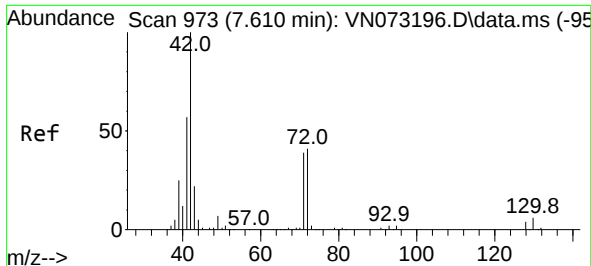
Tgt Ion: 96 Resp: 153392
 Ion Ratio Lower Upper
 96 100
 61 154.4 0.0 280.6
 98 66.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 62.721 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion: 49 Resp: 125306
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 67.3 69.7 104.5#





#29

Tetrahydrofuran

Concen: 299.771 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

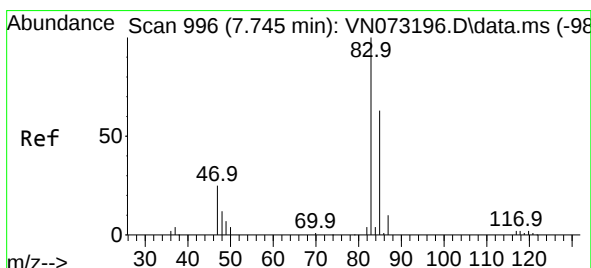
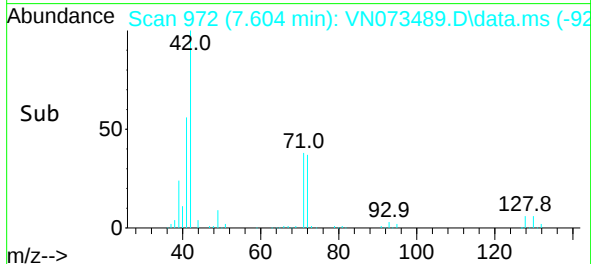
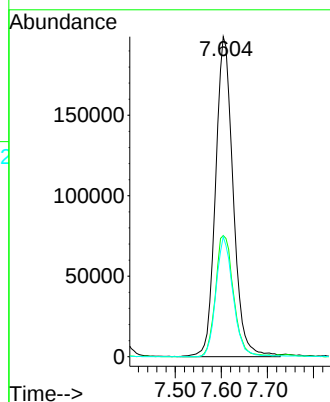
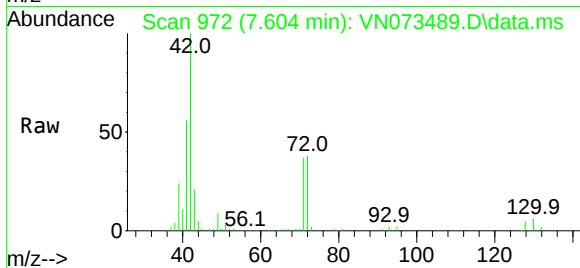
Tgt Ion: 42 Resp: 527493

Ion Ratio Lower Upper

42 100

72 38.8 39.7 59.5#

71 35.9 36.6 55.0#



#30

Chloroform

Concen: 56.078 ug/l

RT: 7.739 min Scan# 995

Delta R.T. -0.006 min

Lab File: VN073489.D

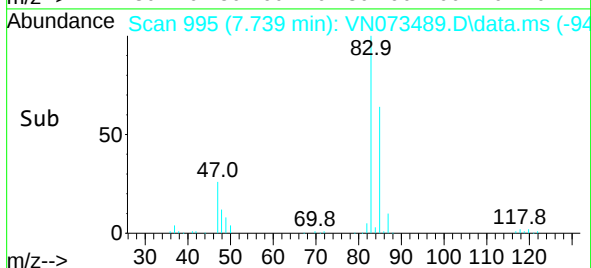
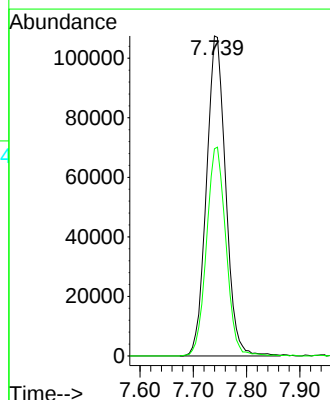
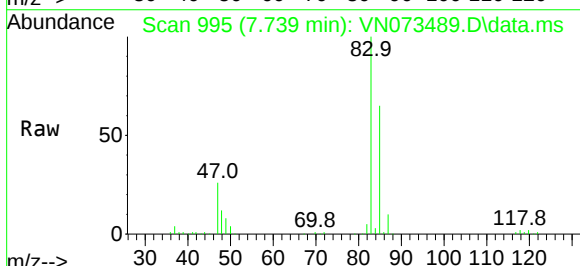
Acq: 18 Jul 2022 10:42

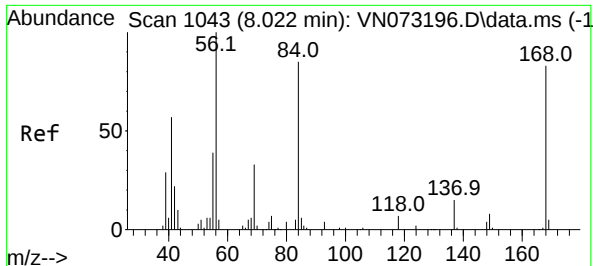
Tgt Ion: 83 Resp: 269432

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 47.001 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

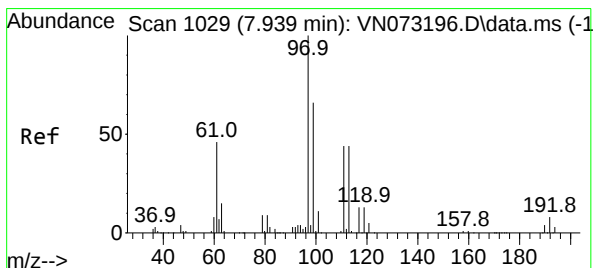
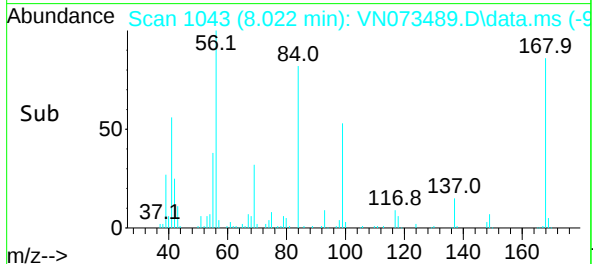
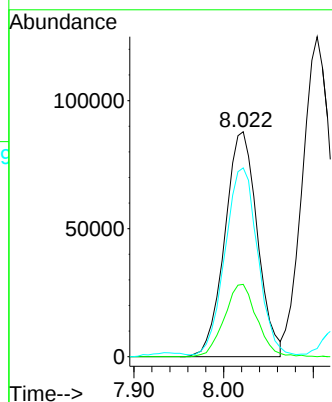
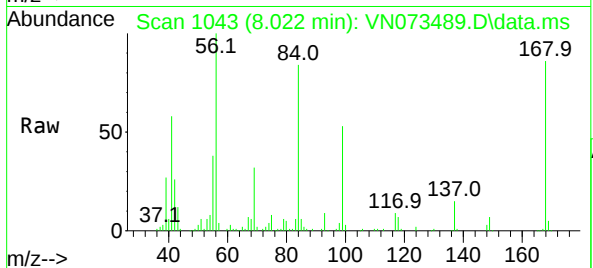
Tgt Ion: 56 Resp: 221354

Ion Ratio Lower Upper

56 100

69 31.8 27.8 41.8

84 82.5 76.9 115.3



#32

1,1,1-Trichloroethane

Concen: 53.344 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

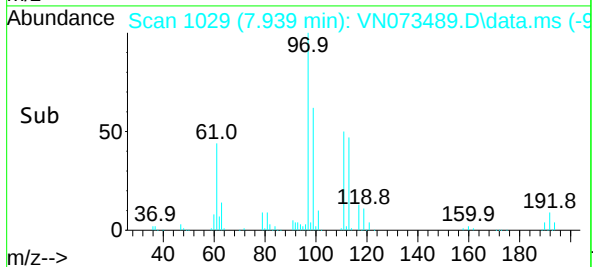
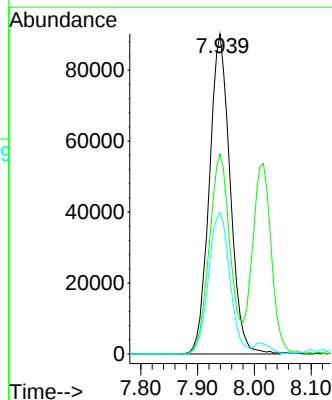
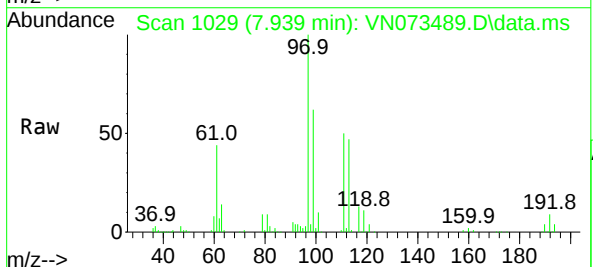
Tgt Ion: 97 Resp: 228401

Ion Ratio Lower Upper

97 100

99 63.3 50.6 76.0

61 45.6 36.0 54.0

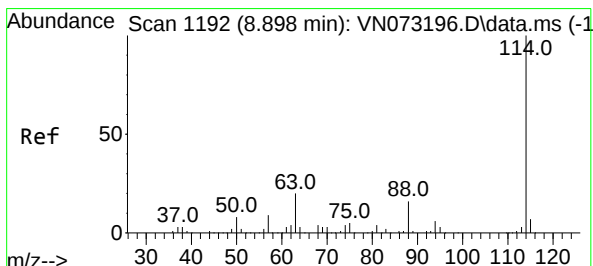
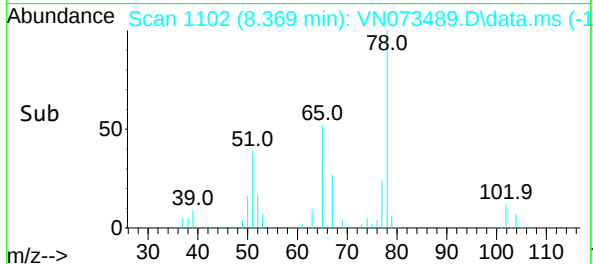
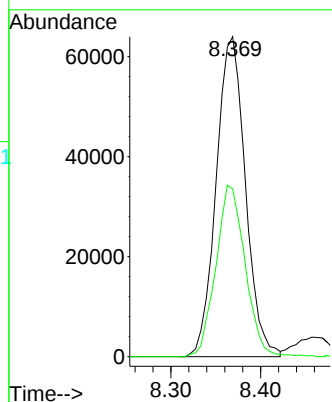
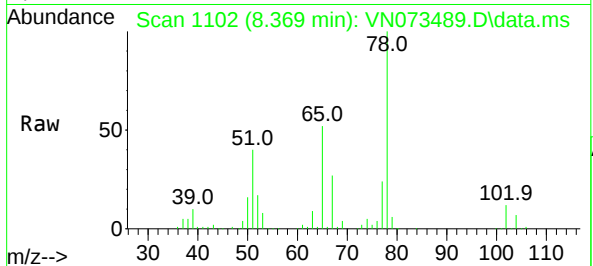




#33
1,2-Dichloroethane-d4
Concen: 50.331 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

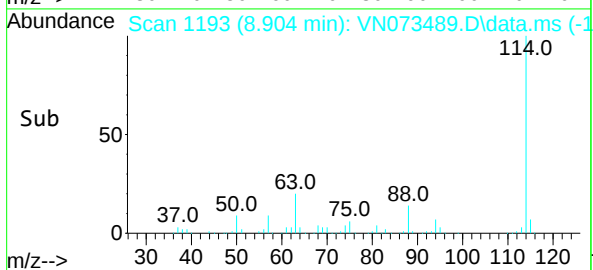
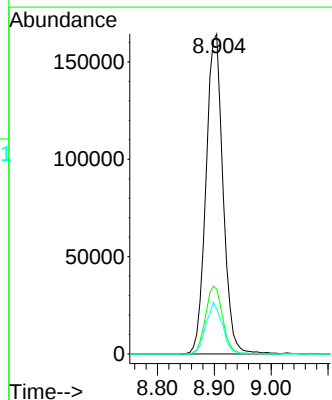
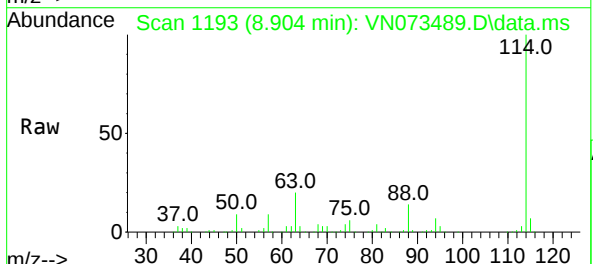
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 144733
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 114 Resp: 340811
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 14.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.085 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

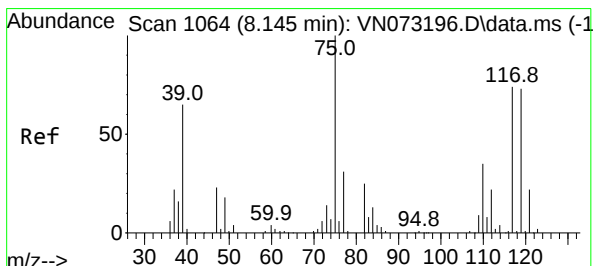
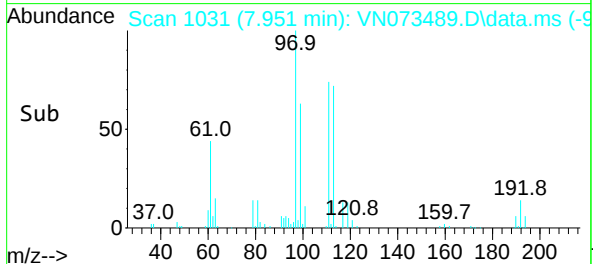
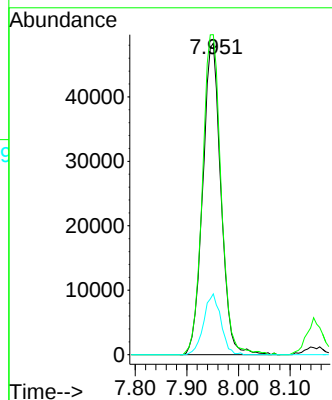
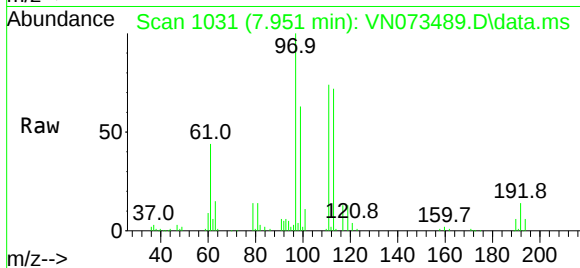
Tgt Ion:113 Resp: 118100

Ion Ratio Lower Upper

113 100

111 105.6 81.4 122.0

192 18.4 17.0 25.6



#36

1,1-Dichloropropene

Concen: 52.970 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

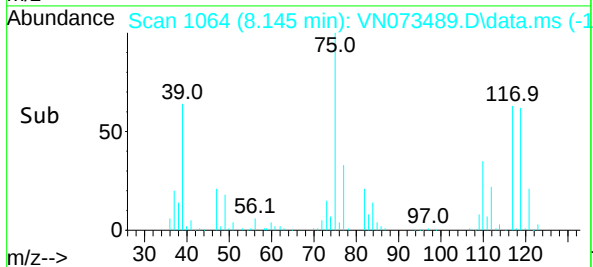
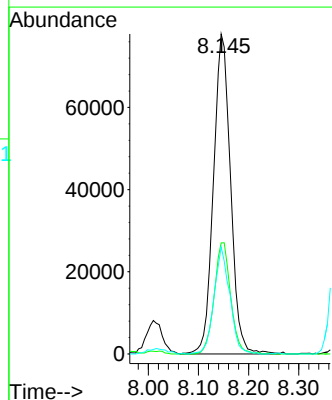
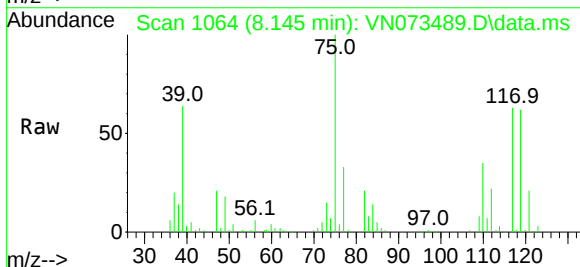
Tgt Ion: 75 Resp: 184810

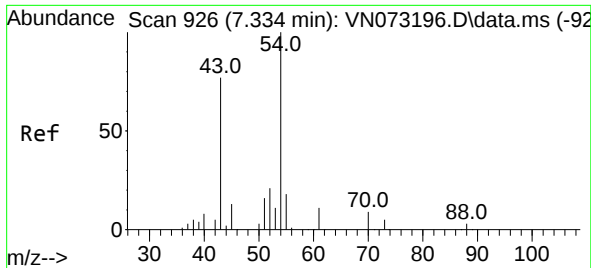
Ion Ratio Lower Upper

75 100

110 33.4 18.3 54.8

77 30.7 25.1 37.7

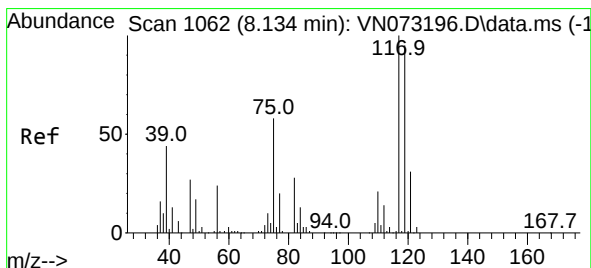
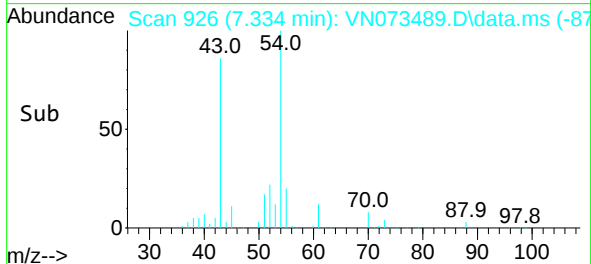
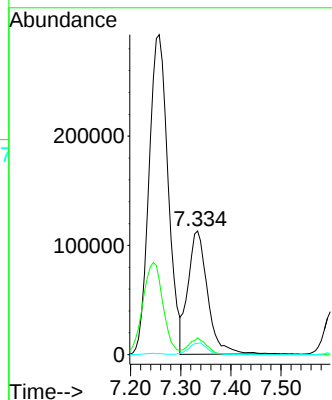
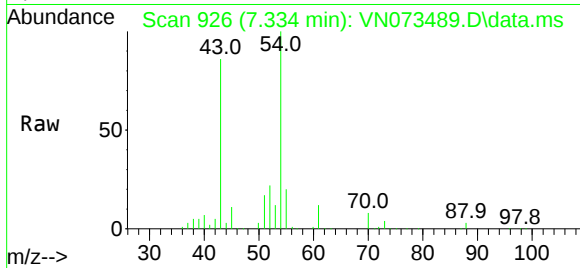




#37
Ethyl Acetate
Concen: 58.094 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

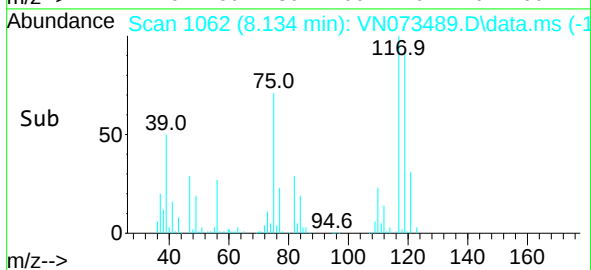
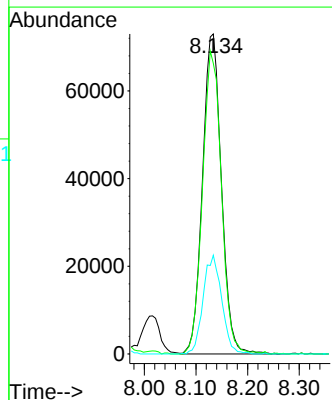
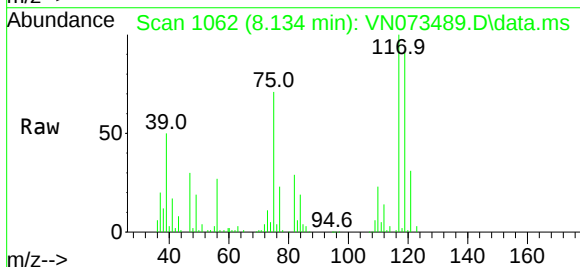
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 306255
Ion Ratio Lower Upper
43 100
61 12.4 11.8 17.6
70 9.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 51.467 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 117 Resp: 185695
Ion Ratio Lower Upper
117 100
119 90.8 75.8 113.8
121 30.8 24.6 37.0

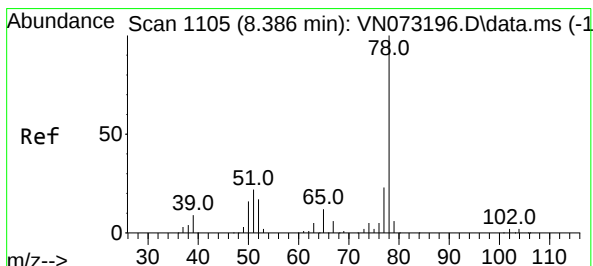
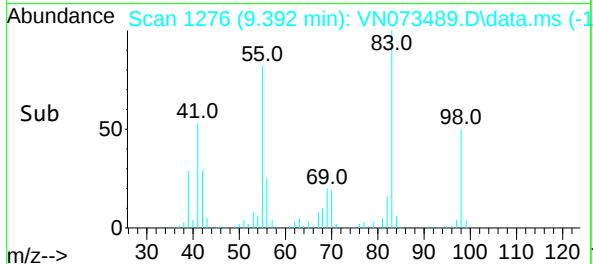
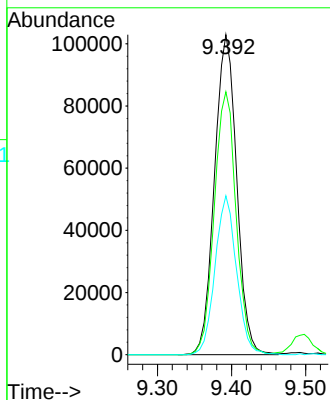
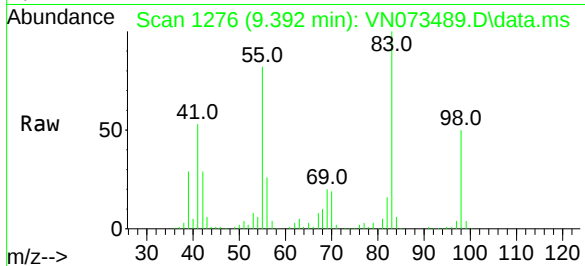




#39
Methylcyclohexane
Concen: 49.354 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

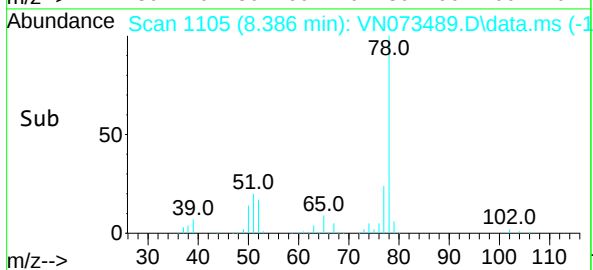
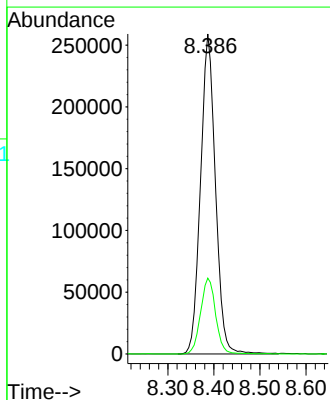
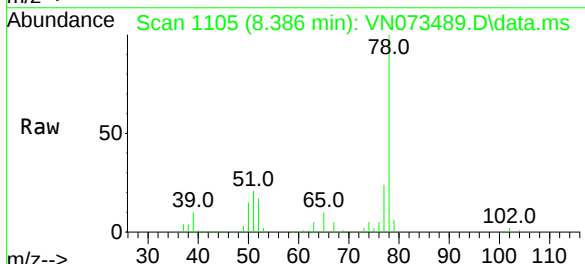
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

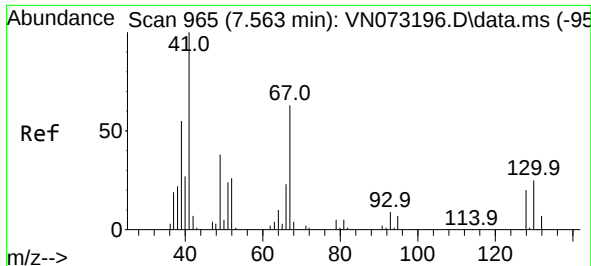
Tgt Ion: 83 Resp: 214378
Ion Ratio Lower Upper
83 100
55 82.2 57.8 86.8
98 49.6 39.4 59.2



#40
Benzene
Concen: 54.382 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 78 Resp: 585550
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0



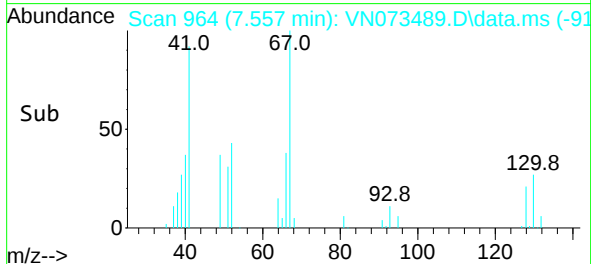
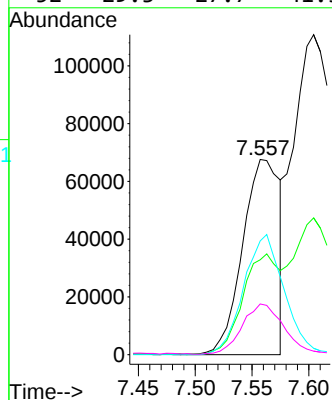
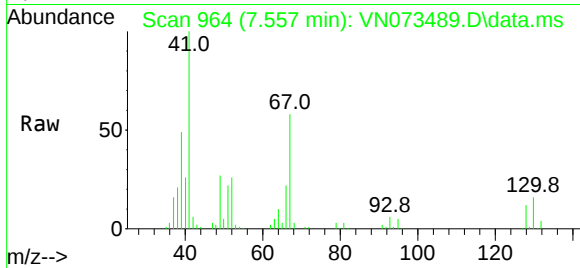


#41
Methacrylonitrile
Concen: 59.964 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 153310

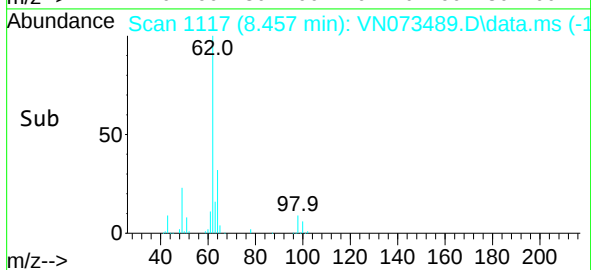
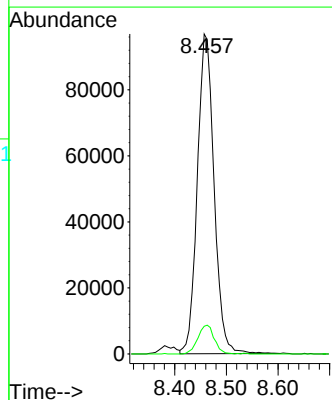
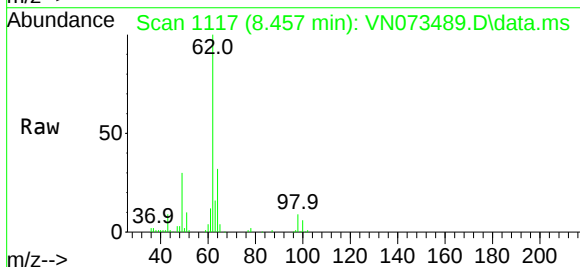
Ion	Ratio	Lower	Upper
41	100		
39	50.9	48.6	73.0
67	67.5	73.4	110.2#
52	29.3	27.7	41.5

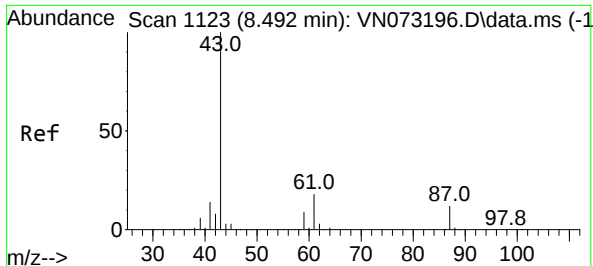


#42
1,2-Dichloroethane
Concen: 55.814 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 62 Resp: 217849

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	19.4

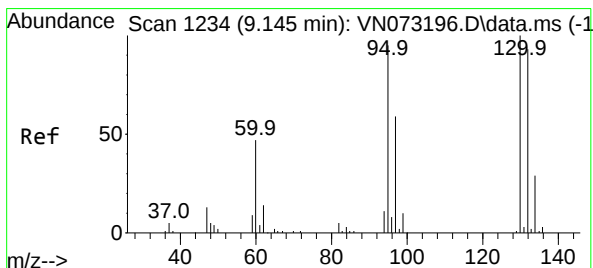
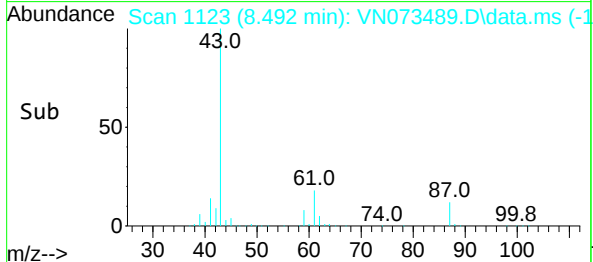
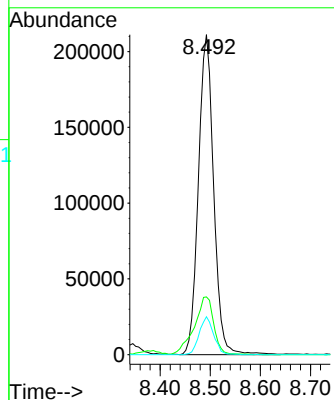
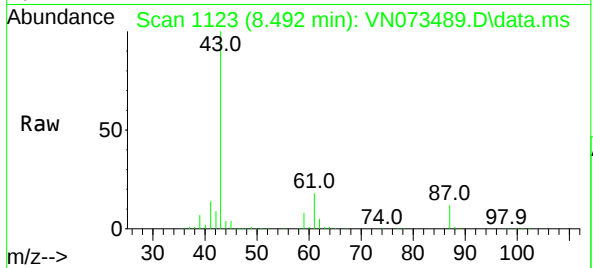




#43
Isopropyl Acetate
Concen: 58.958 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

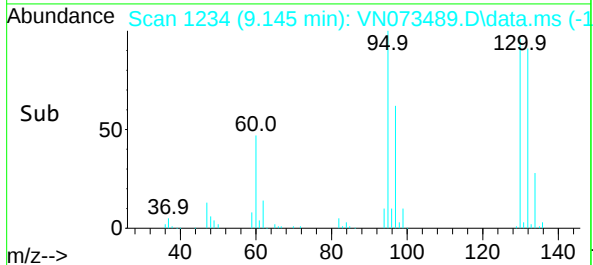
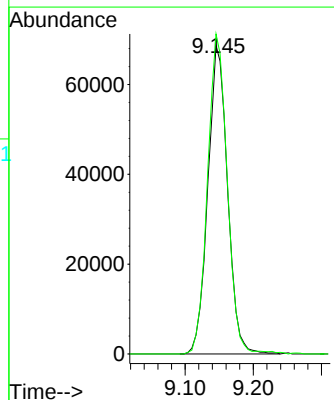
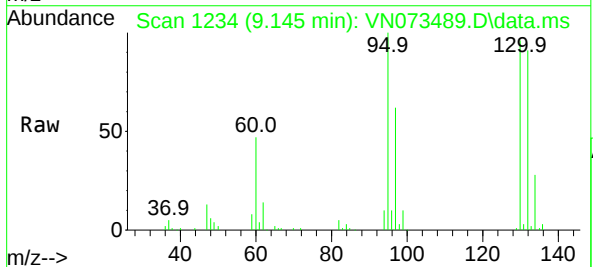
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 446685
Ion Ratio Lower Upper
43 100
61 23.1 21.9 32.9
87 11.3 12.0 18.0#



#44
Trichloroethene
Concen: 50.413 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion:130 Resp: 138137
Ion Ratio Lower Upper
130 100
95 103.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 57.622 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

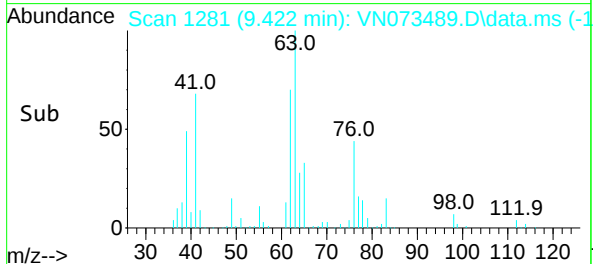
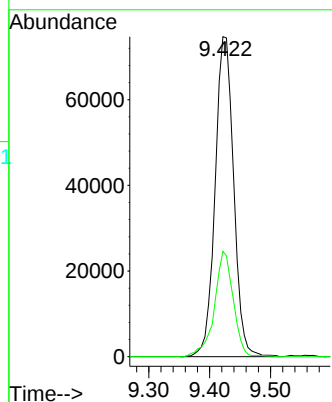
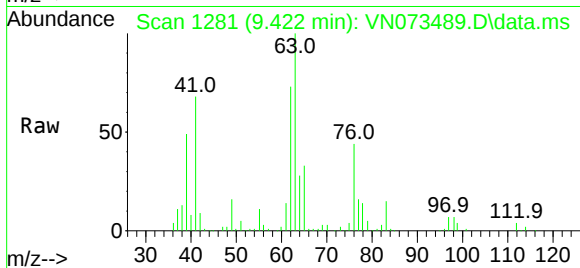
VSTDCCC050

Tgt Ion: 63 Resp: 158139

Ion Ratio Lower Upper

63 100

65 32.9 24.9 37.3



#46

Dibromomethane

Concen: 53.779 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

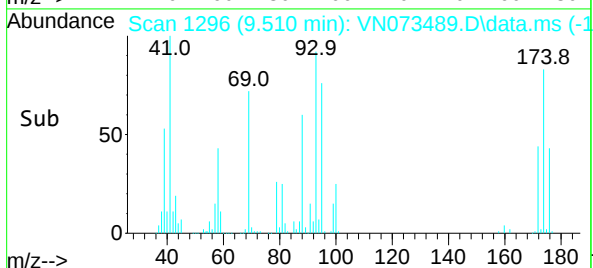
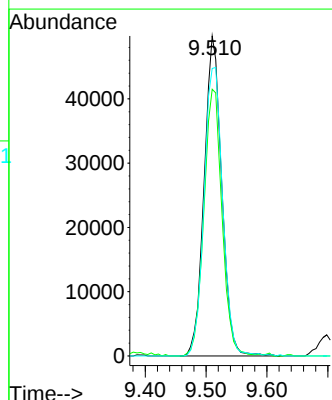
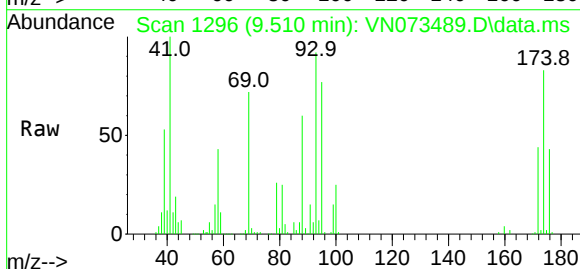
Tgt Ion: 93 Resp: 100213

Ion Ratio Lower Upper

93 100

95 85.6 66.9 100.3

174 95.5 86.6 130.0

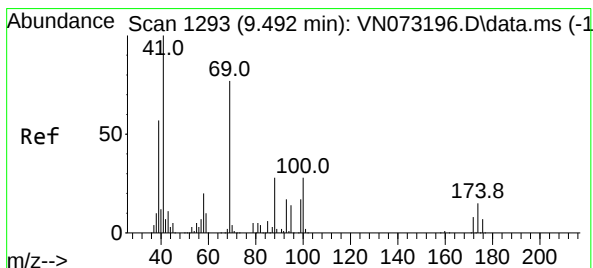
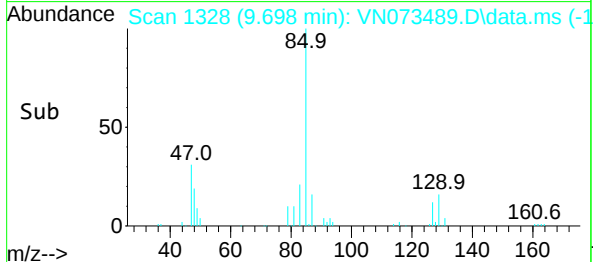
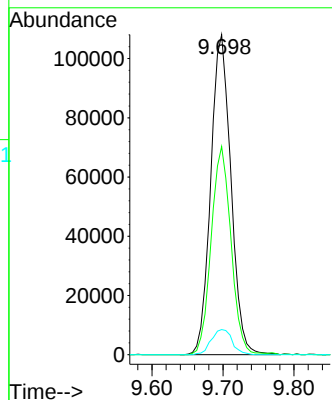
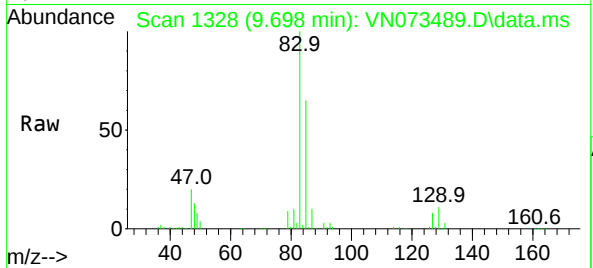




#47
Bromodichloromethane
Concen: 59.068 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

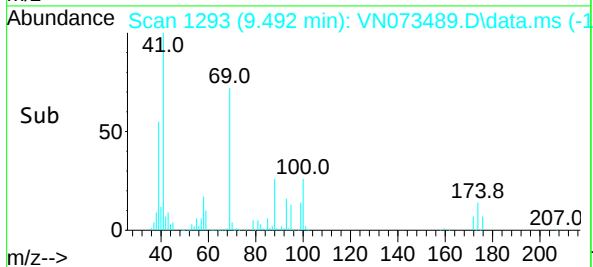
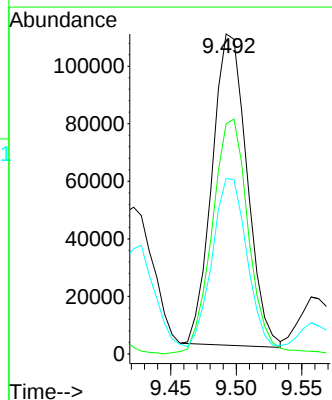
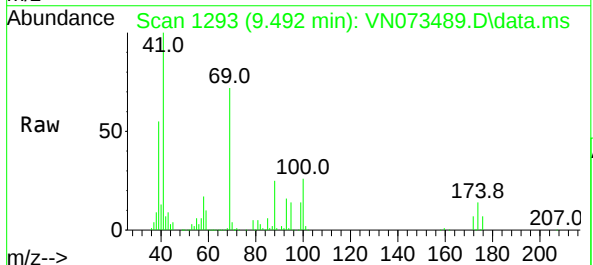
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

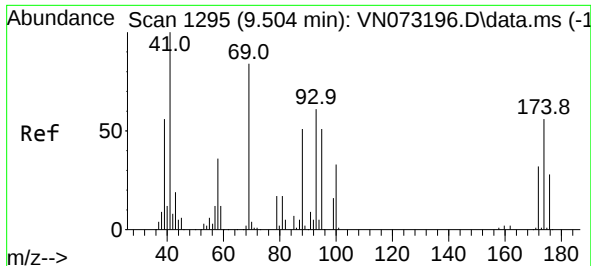
Tgt Ion: 83 Resp: 213184
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 7.9 6.8 10.2



#48
Methyl methacrylate
Concen: 57.021 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 41 Resp: 200029
Ion Ratio Lower Upper
41 100
69 78.6 74.7 112.1
39 58.1 45.6 68.4

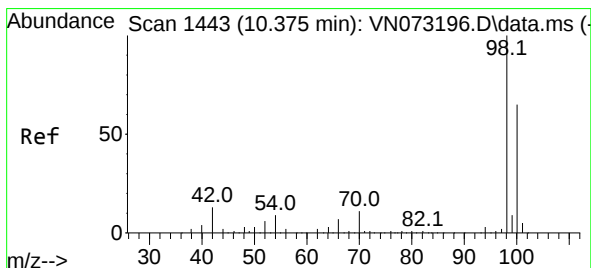
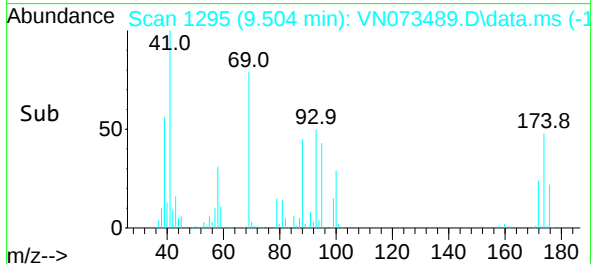
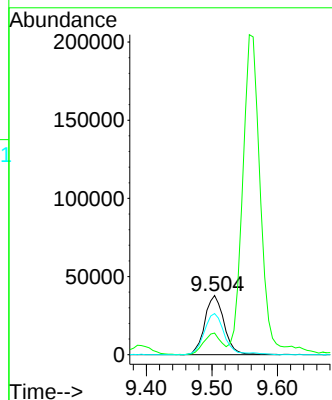
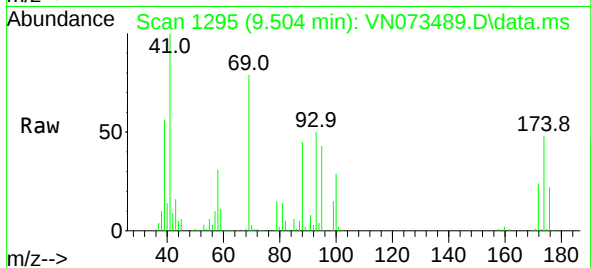




#49
1,4-Dioxane
Concen: 1164.575 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

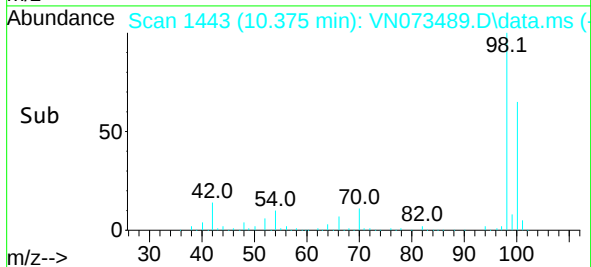
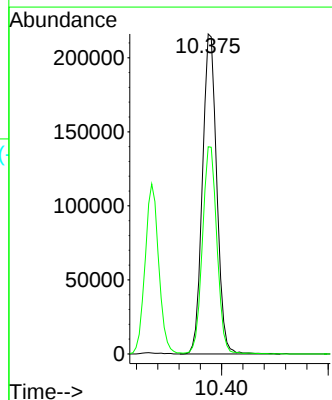
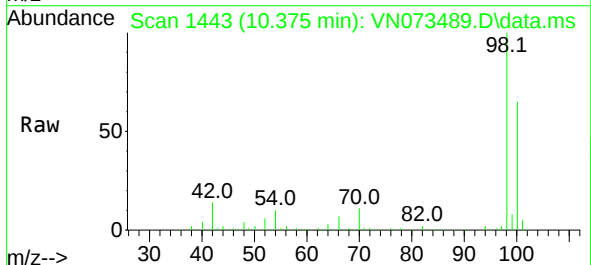
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

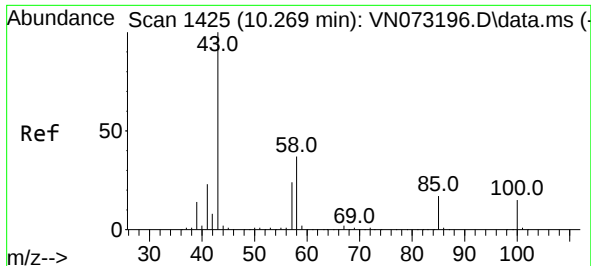
Tgt Ion: 88 Resp: 77554
Ion Ratio Lower Upper
88 100
43 34.1 20.2 30.4#
58 73.4 54.2 81.4



#50
Toluene-d8
Concen: 49.984 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 98 Resp: 402531
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

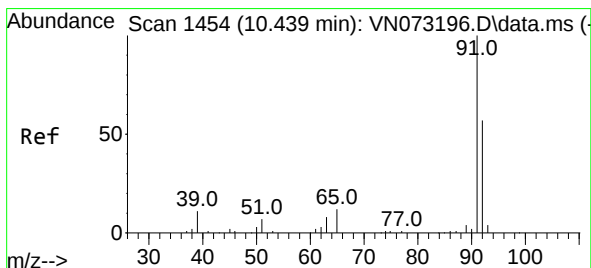
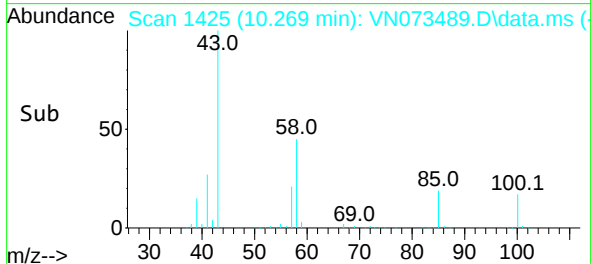
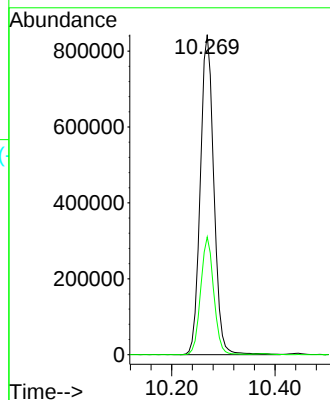
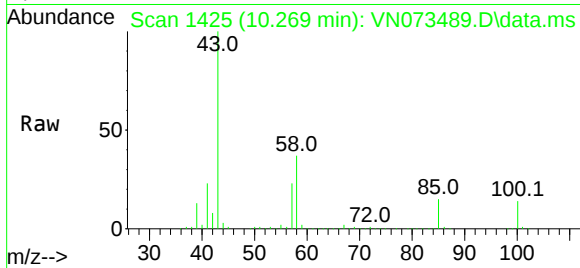




#51
4-Methyl-2-Pentanone
Concen: 318.786 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

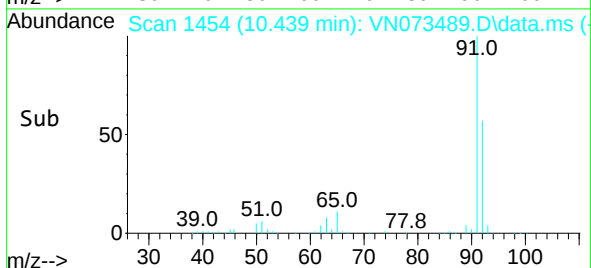
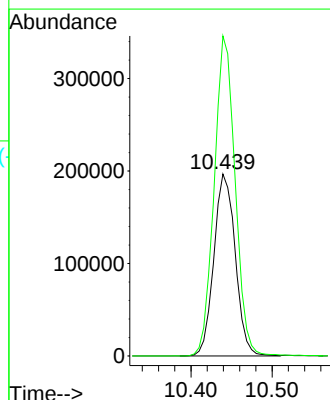
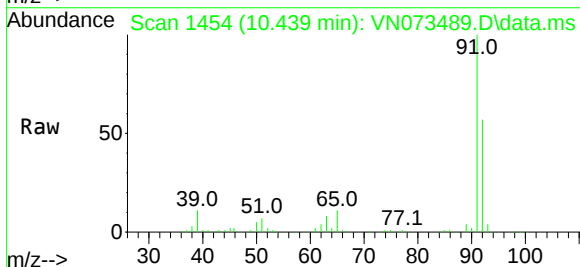
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

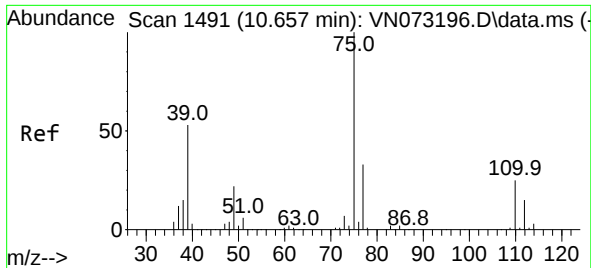
Tgt Ion: 43 Resp: 1531635
Ion Ratio Lower Upper
43 100
58 35.6 34.1 51.1



#52
Toluene
Concen: 54.158 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 92 Resp: 360381
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8

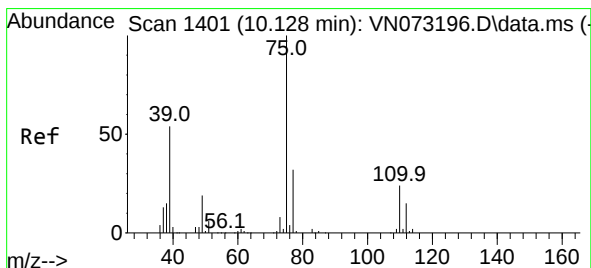
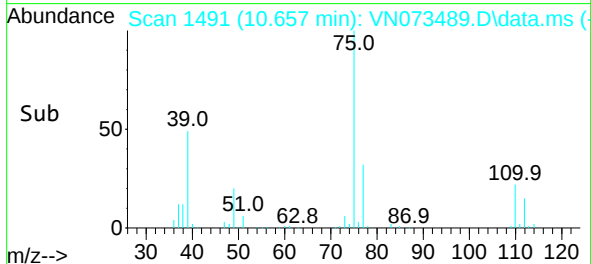
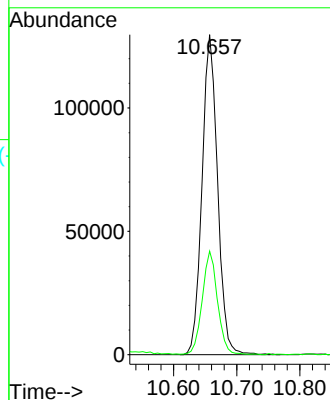
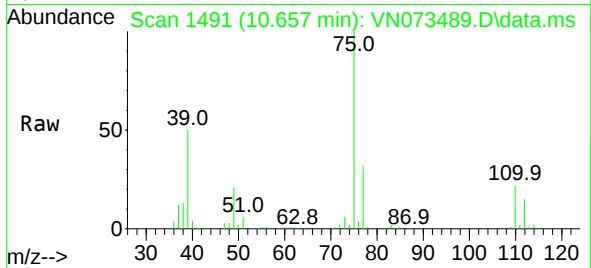




#53
 t-1,3-Dichloropropene
 Concen: 55.855 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

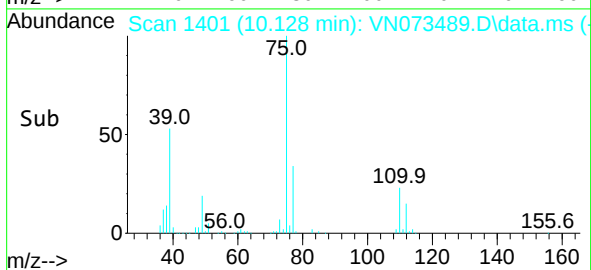
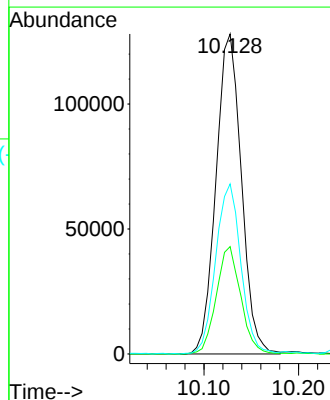
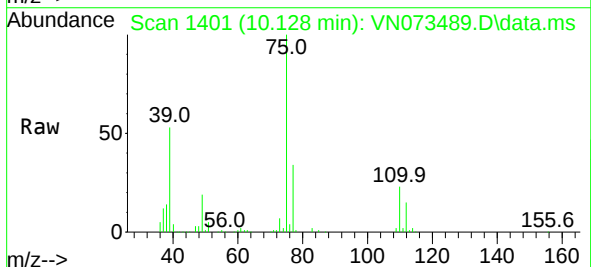
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

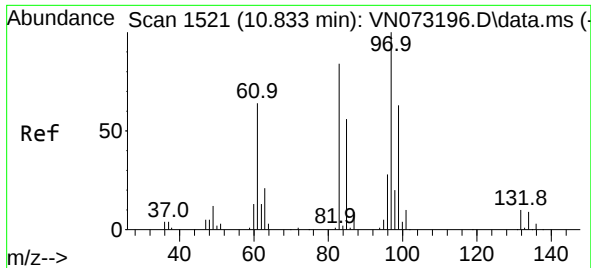
Tgt Ion: 75 Resp: 221916
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.611 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion: 75 Resp: 238535
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.2 37.8
 39 53.1 35.7 53.5

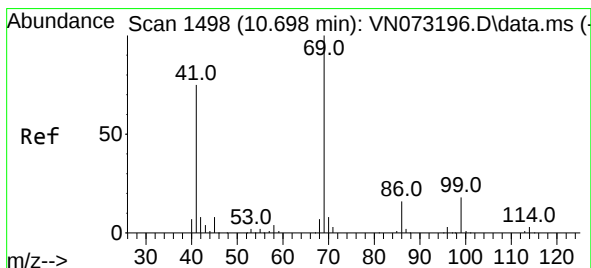
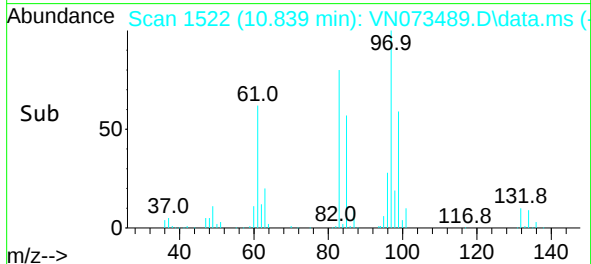
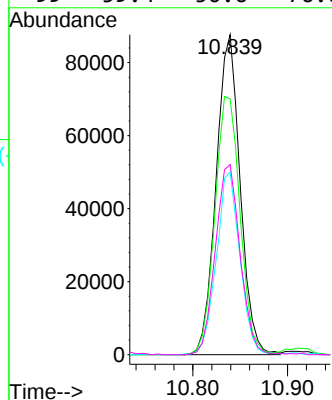
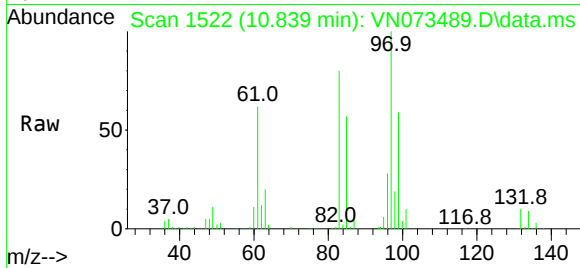




#55
1,1,2-Trichloroethane
Concen: 56.335 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

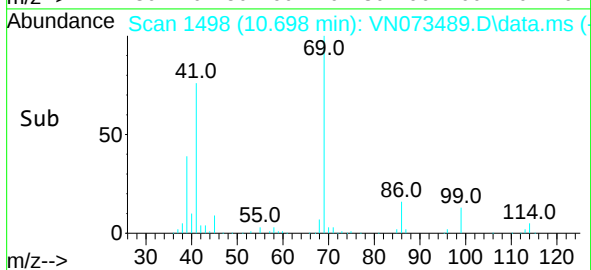
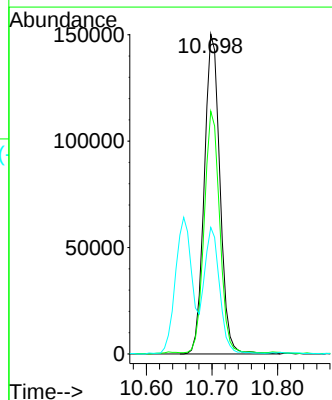
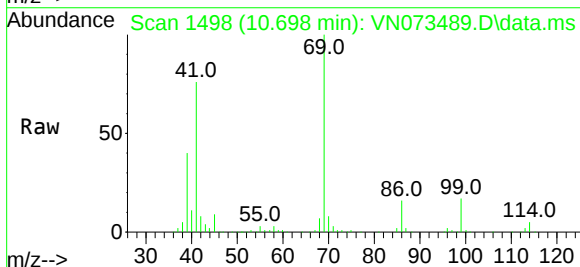
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 154328
Ion Ratio Lower Upper
97 100
83 80.0 66.2 99.4
85 57.1 43.9 65.9
99 59.4 50.6 76.0



#56
Ethyl methacrylate
Concen: 56.557 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 69 Resp: 250426
Ion Ratio Lower Upper
69 100
41 74.2 47.8 71.6#
39 37.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 56.651 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

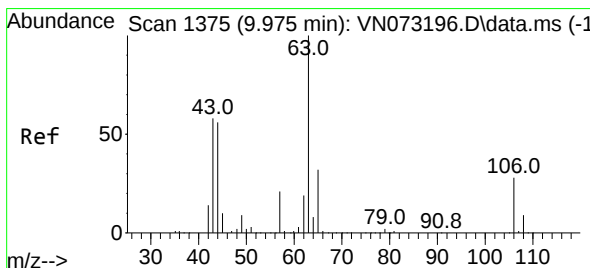
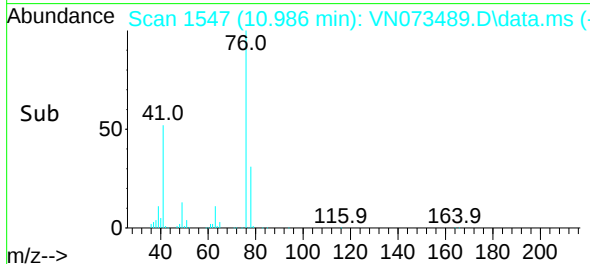
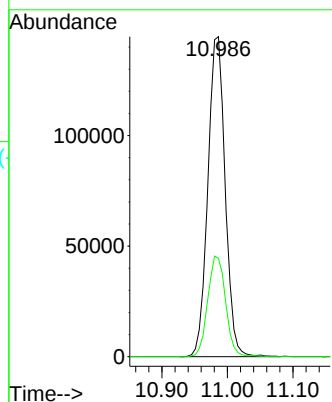
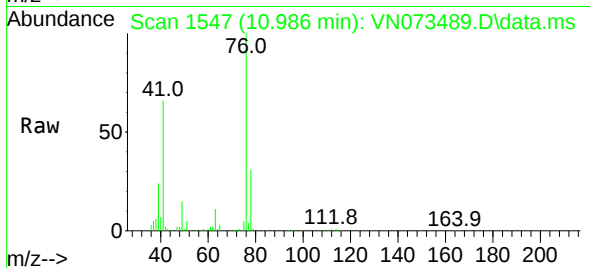
VSTDCCC050

Tgt Ion: 76 Resp: 266040

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 286.457 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073489.D

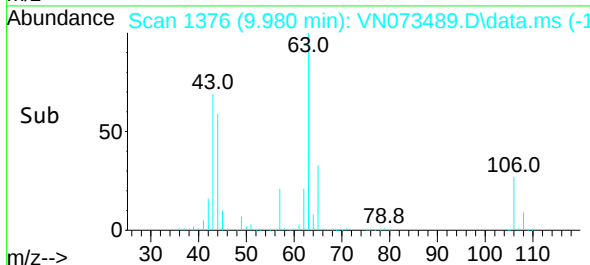
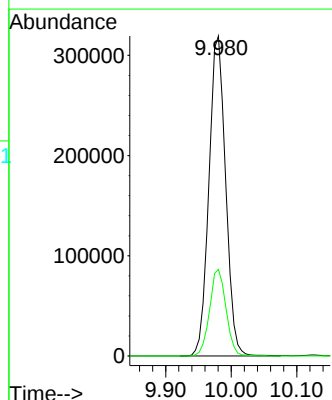
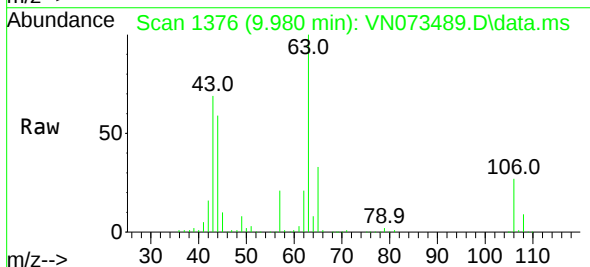
Acq: 18 Jul 2022 10:42

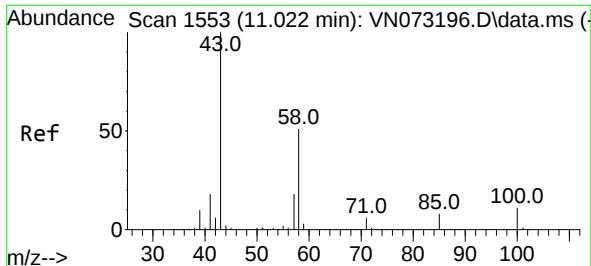
Tgt Ion: 63 Resp: 565675

Ion Ratio Lower Upper

63 100

106 26.6 24.6 36.8

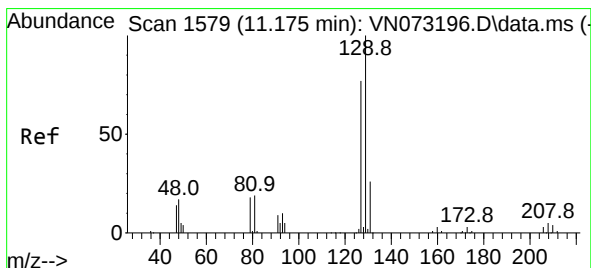
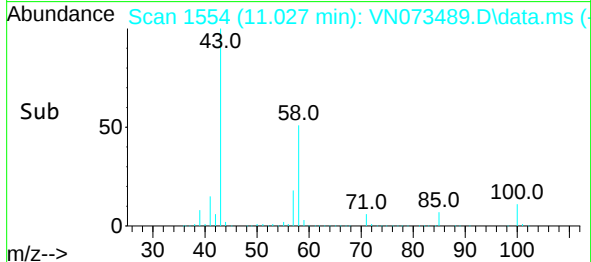
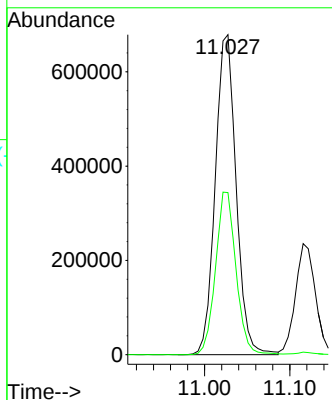
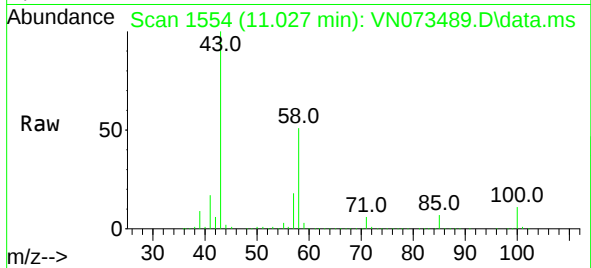




#59
2-Hexanone
Concen: 315.633 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

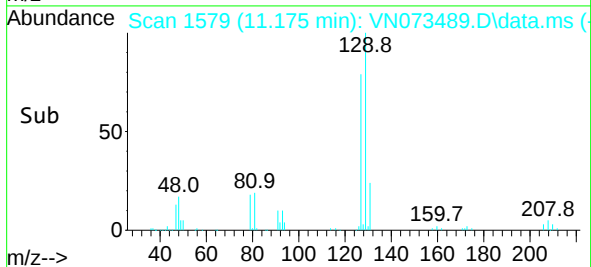
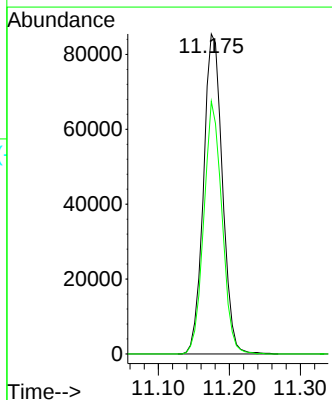
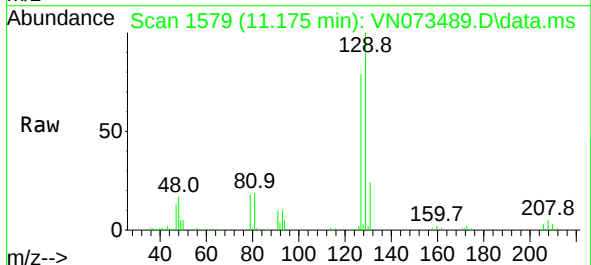
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

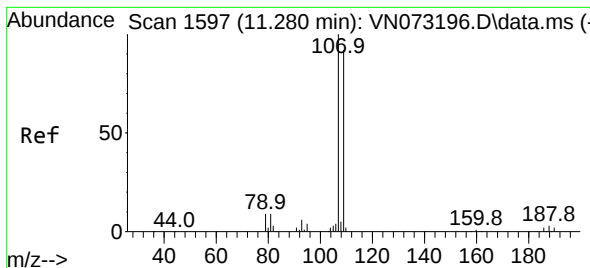
Tgt Ion: 43 Resp: 1155974
Ion Ratio Lower Upper
43 100
58 49.9 29.7 89.1



#60
Dibromochloromethane
Concen: 60.467 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 129 Resp: 157931
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4

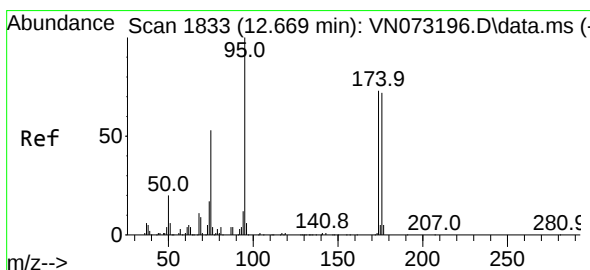
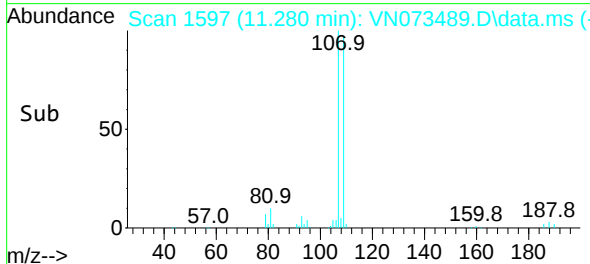
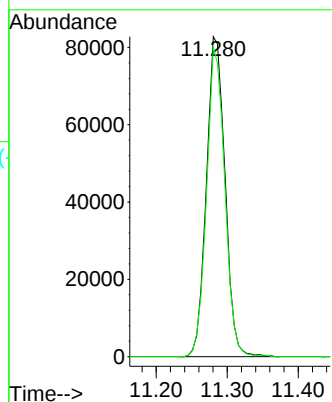
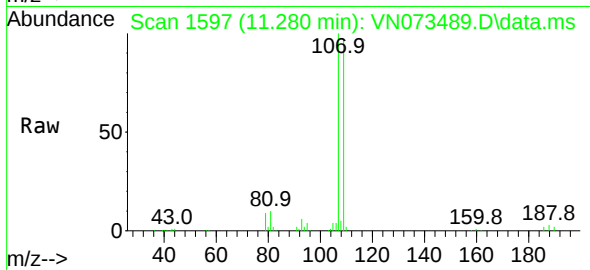




#61
1,2-Dibromoethane
Concen: 55.247 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

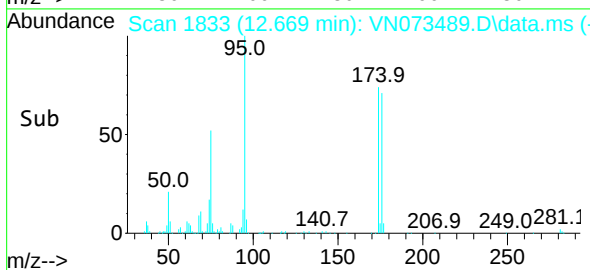
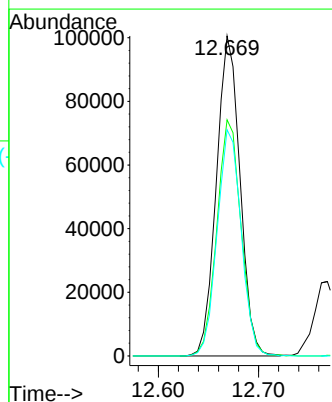
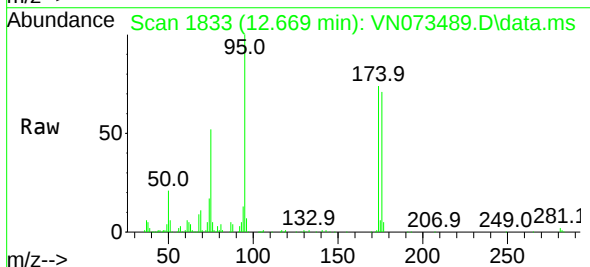
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 151170
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 53.134 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 95 Resp: 164440
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 71.6 0.0 163.4

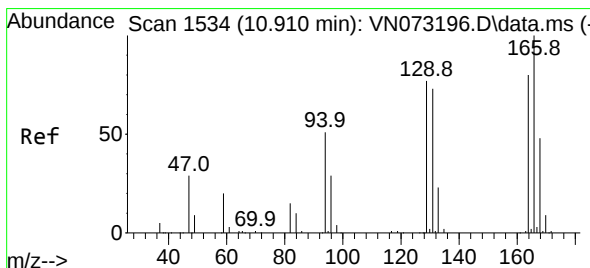
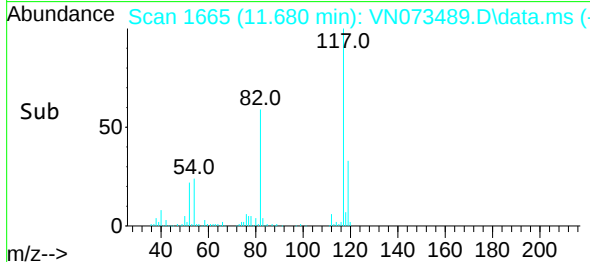
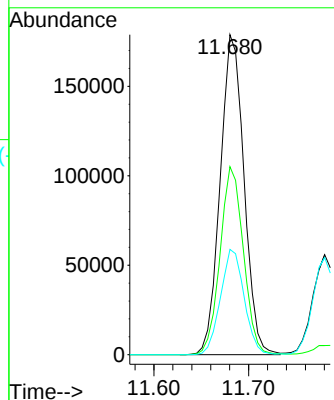
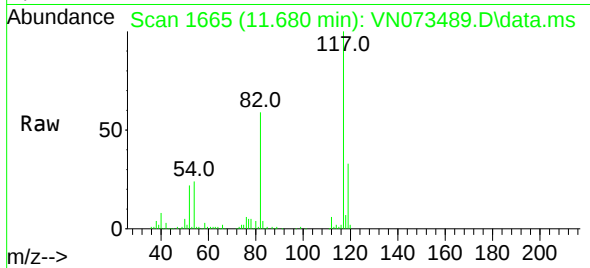




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

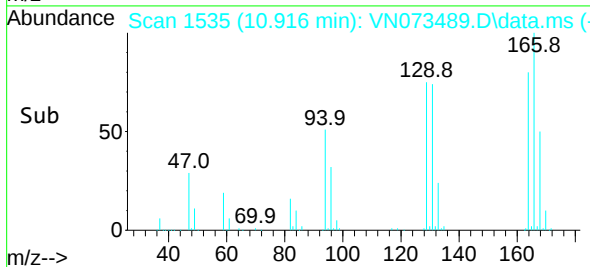
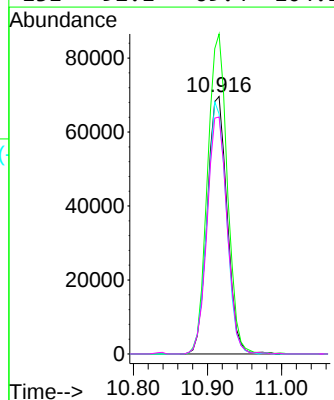
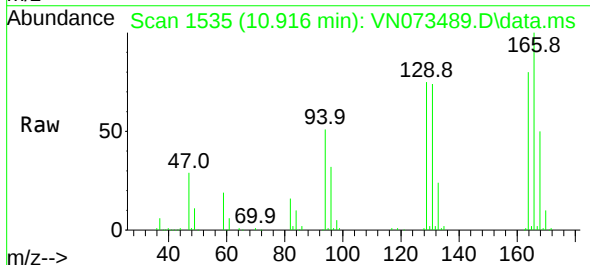
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

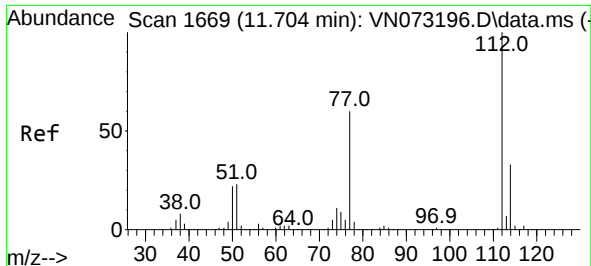
Tgt Ion:117 Resp: 312970
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.9 25.4 38.0



#64
Tetrachloroethene
Concen: 50.573 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion:164 Resp: 129245
Ion Ratio Lower Upper
164 100
166 124.3 104.2 156.2
129 93.3 73.9 110.9
131 92.1 69.4 104.2

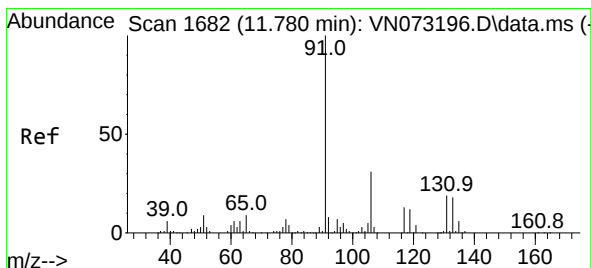
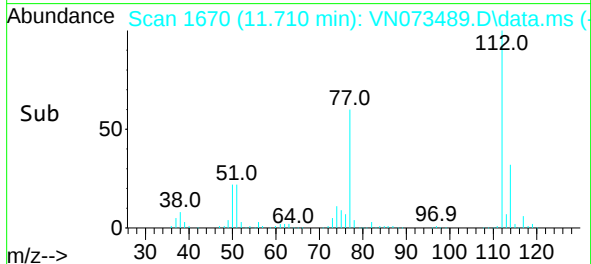
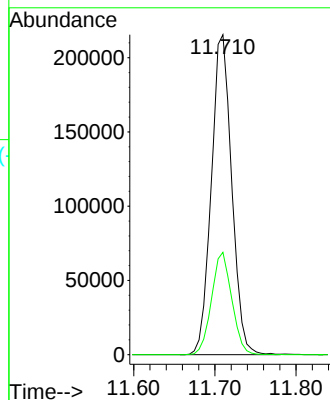
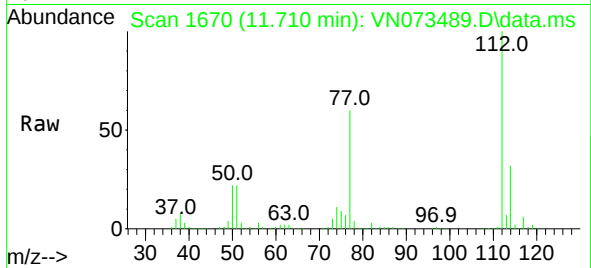




#65
Chlorobenzene
Concen: 53.057 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

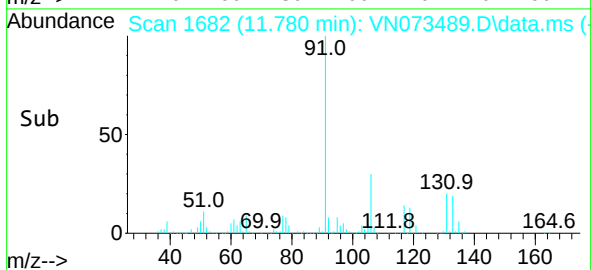
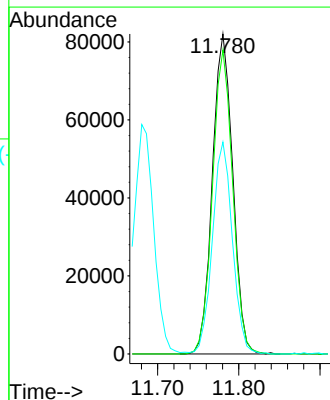
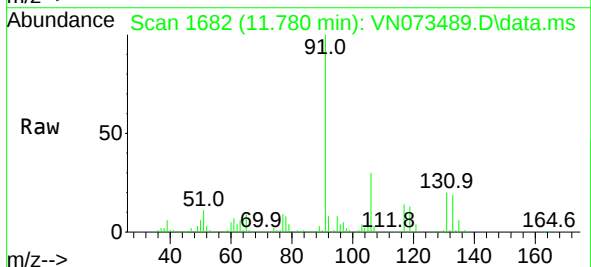
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

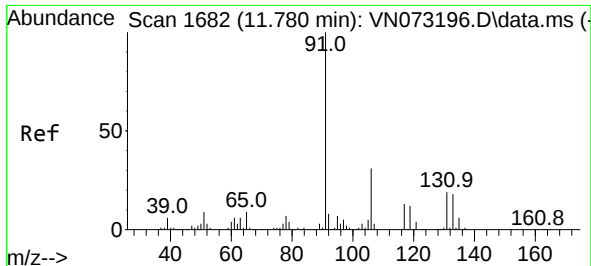
Tgt Ion:112 Resp: 375549
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.783 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion:131 Resp: 142629
Ion Ratio Lower Upper
131 100
133 94.4 47.8 143.4
119 65.3 33.4 100.2





#67

Ethyl Benzene

Concen: 54.427 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

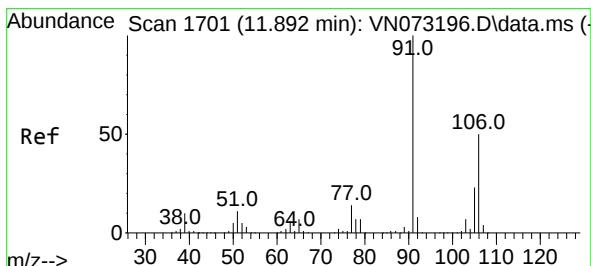
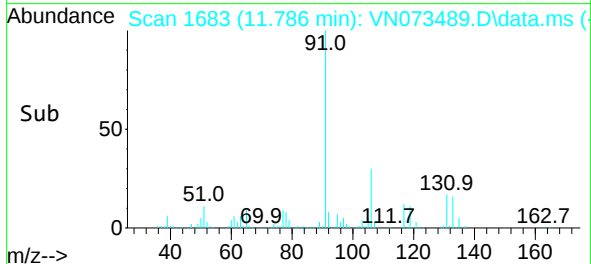
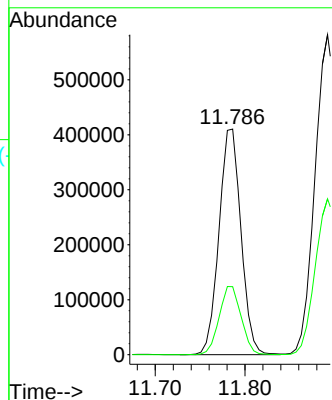
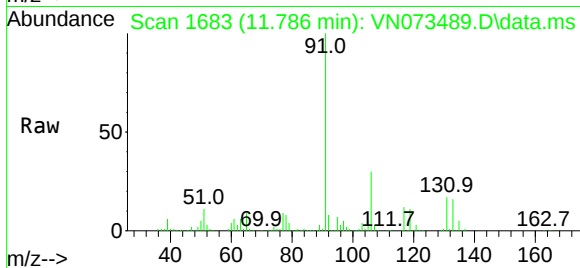
VSTDCCC050

Tgt Ion: 91 Resp: 699399

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3



#68

m/p-Xylenes

Concen: 110.076 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN073489.D

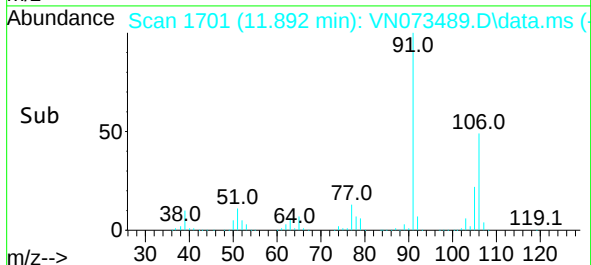
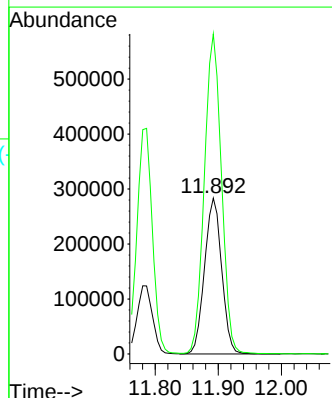
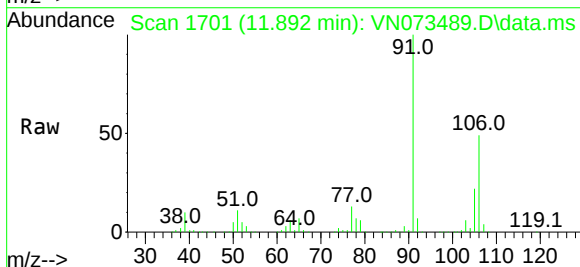
Acq: 18 Jul 2022 10:42

Tgt Ion:106 Resp: 533835

Ion Ratio Lower Upper

106 100

91 205.0 158.9 238.3

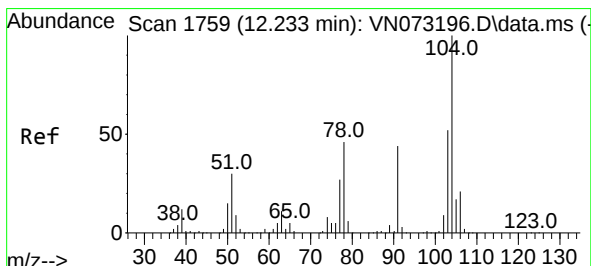
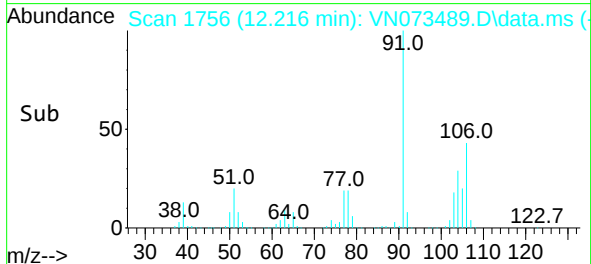
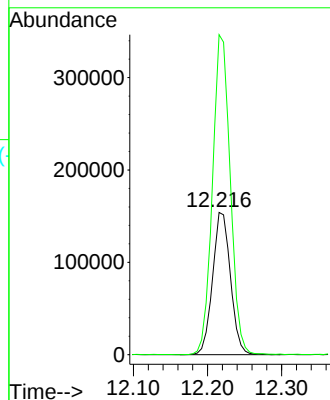
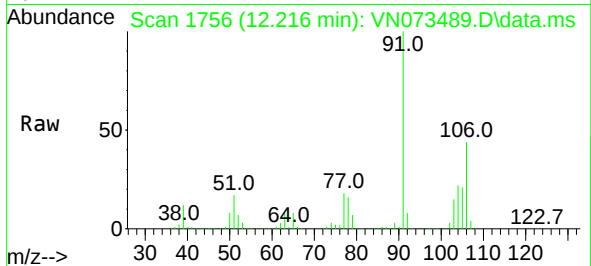




#69
o-Xylene
Concen: 52.204 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

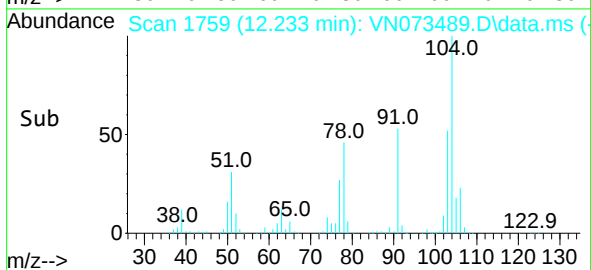
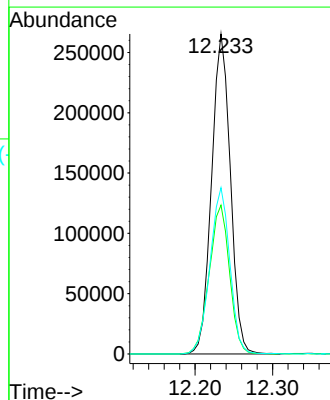
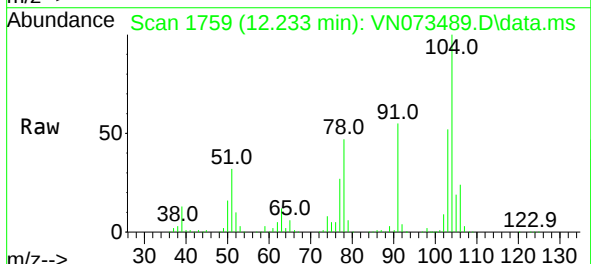
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

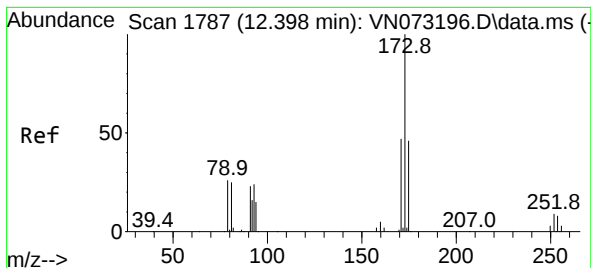
Tgt Ion:106 Resp: 258457
Ion Ratio Lower Upper
106 100
91 223.8 106.0 318.0



#70
Styrene
Concen: 58.589 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion:104 Resp: 447840
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.8 44.0 66.0





#71

Bromoform

Concen: 59.421 ug/l

RT: 12.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

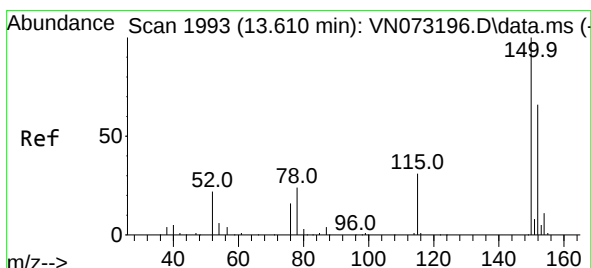
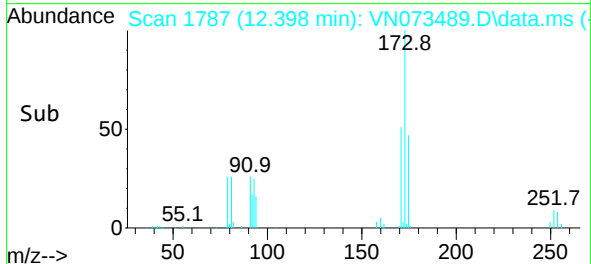
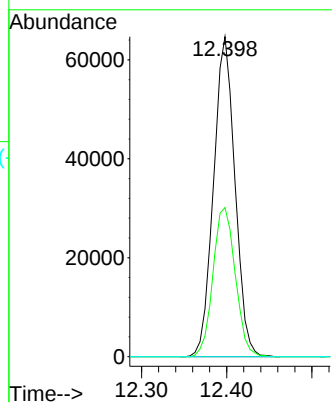
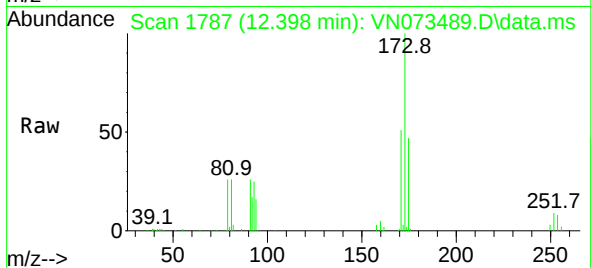
Tgt Ion:173 Resp: 113200

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

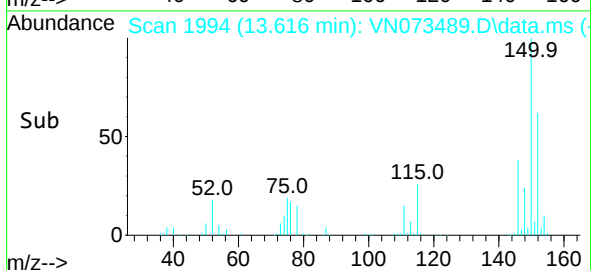
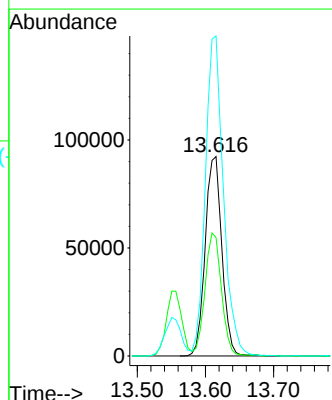
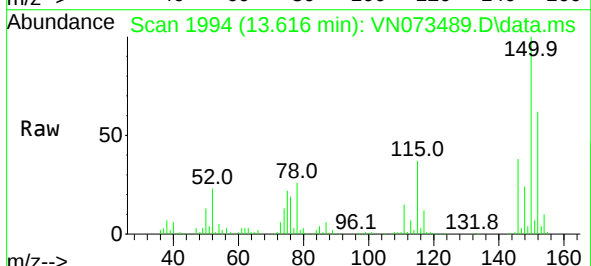
Tgt Ion:152 Resp: 157426

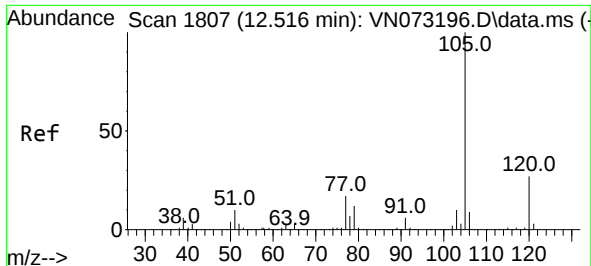
Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 172.5 0.0 356.2

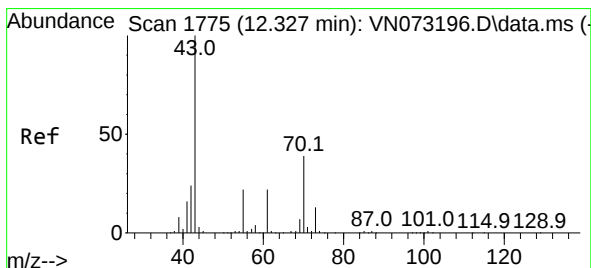
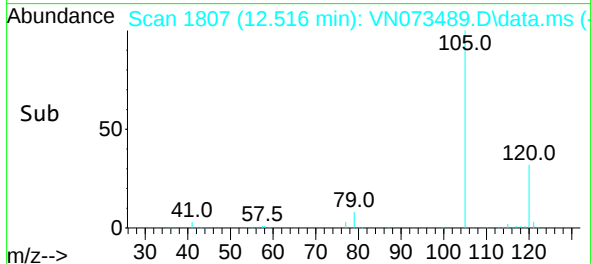
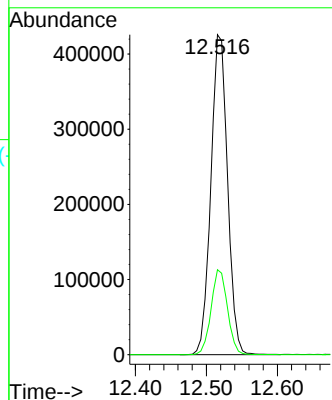
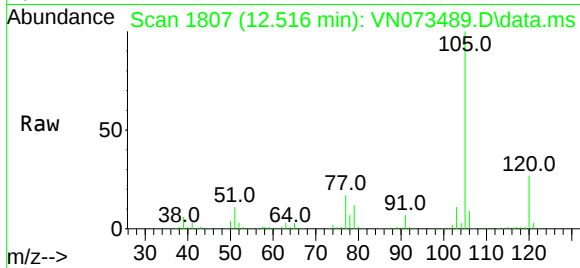




#73
Isopropylbenzene
Concen: 51.053 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

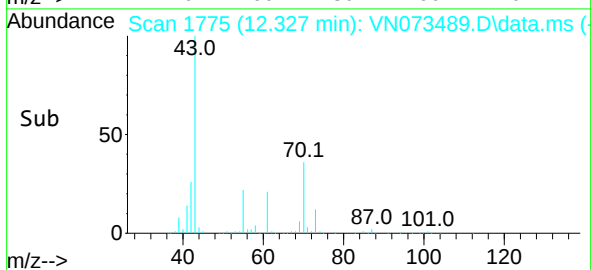
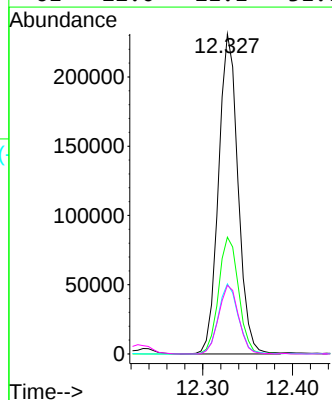
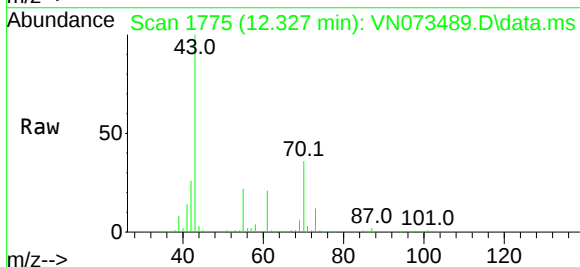
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

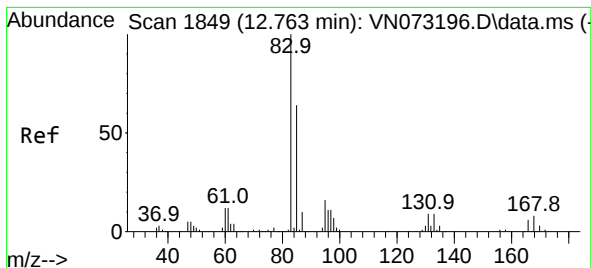
Tgt Ion:105 Resp: 694033
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4



#74
N-ethyl acetate
Concen: 51.170 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 43 Resp: 348315
Ion Ratio Lower Upper
43 100
70 37.5 39.0 58.4#
55 22.5 21.1 31.7
61 22.0 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 54.200 ug/l

RT: 12.769 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

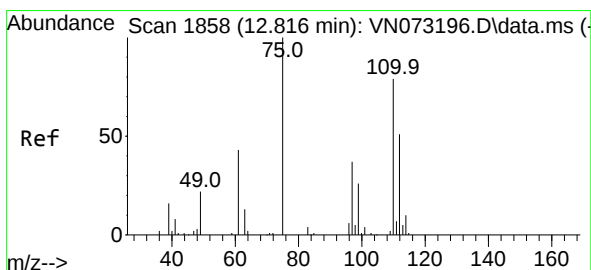
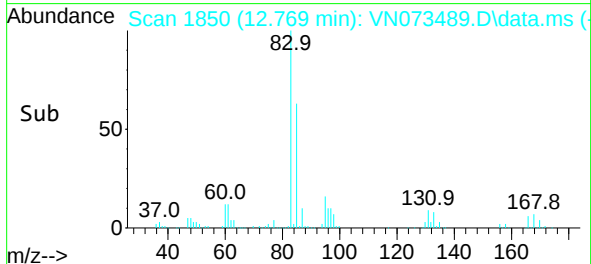
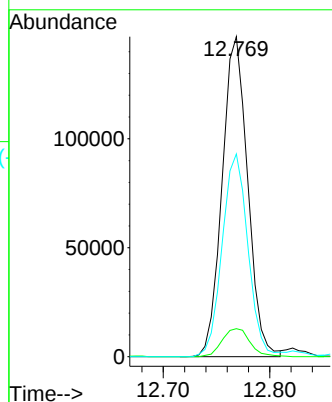
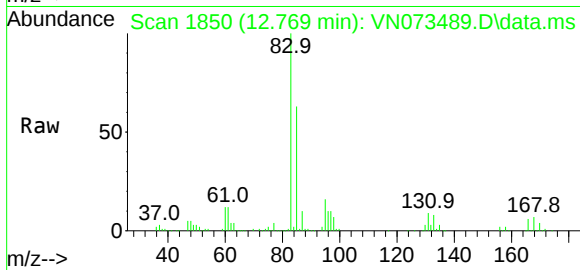
Tgt Ion: 83 Resp: 244504

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.9

85 64.2 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 77.913 ug/l

RT: 12.821 min Scan# 1859

Delta R.T. 0.005 min

Lab File: VN073489.D

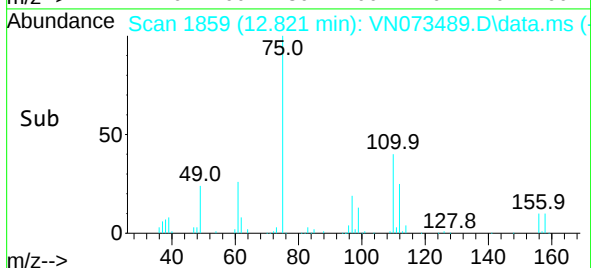
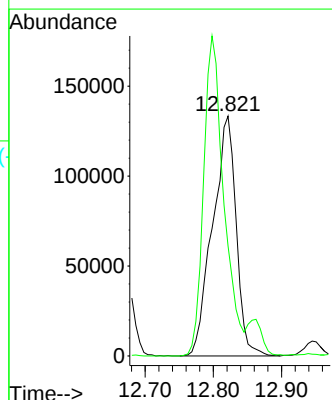
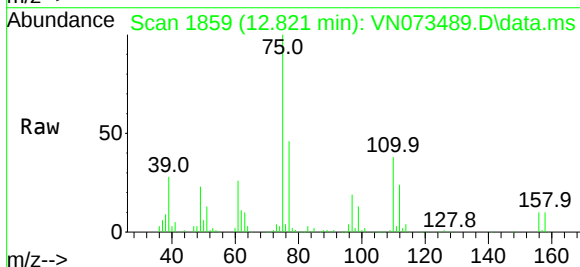
Acq: 18 Jul 2022 10:42

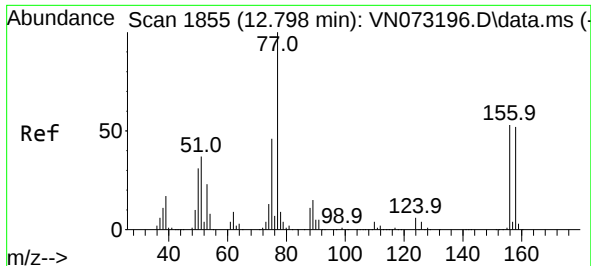
Tgt Ion: 75 Resp: 320717

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

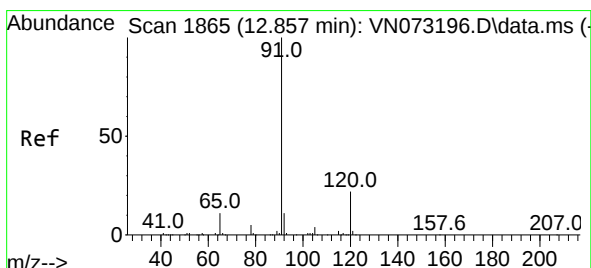
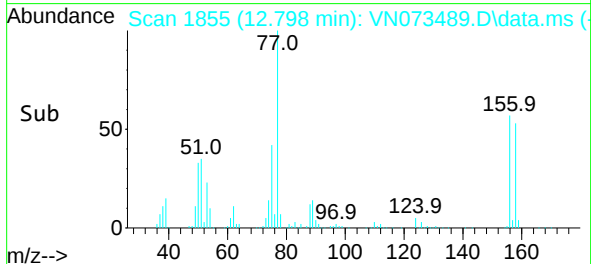
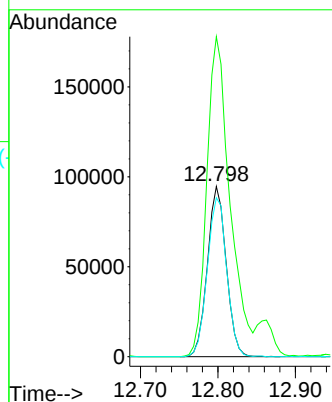
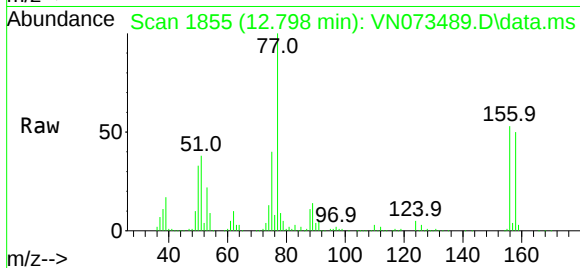




#77
Bromobenzene
Concen: 50.393 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

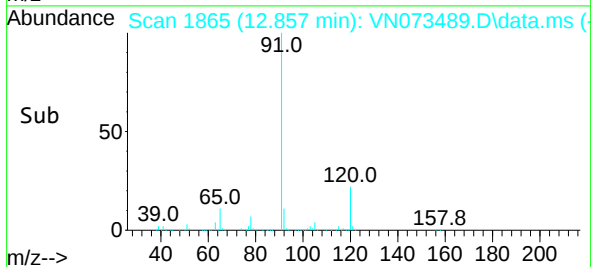
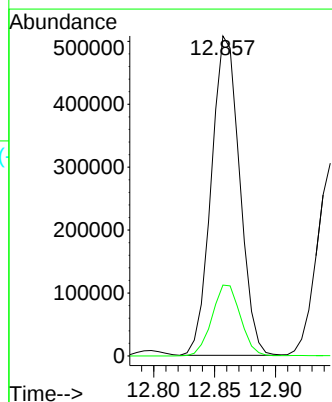
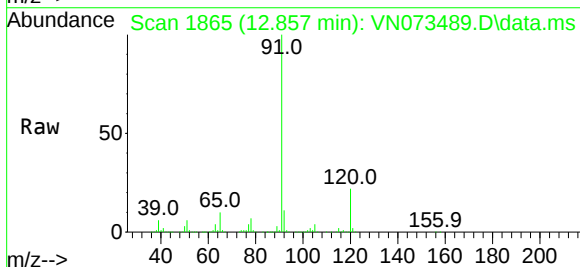
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

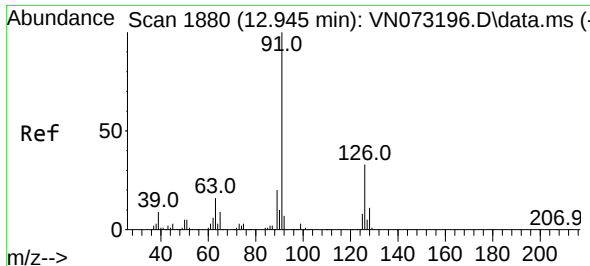
Tgt Ion:156 Resp: 159275
Ion Ratio Lower Upper
156 100
77 230.7 100.5 301.5
158 96.7 48.9 146.6



#78
n-propylbenzene
Concen: 54.366 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 91 Resp: 821045
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5

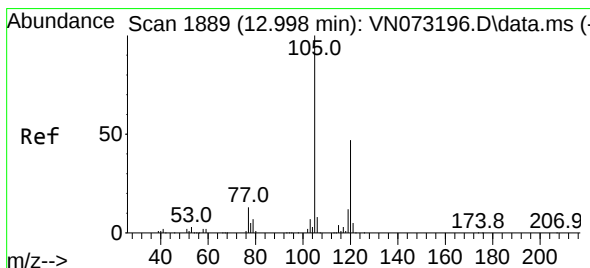
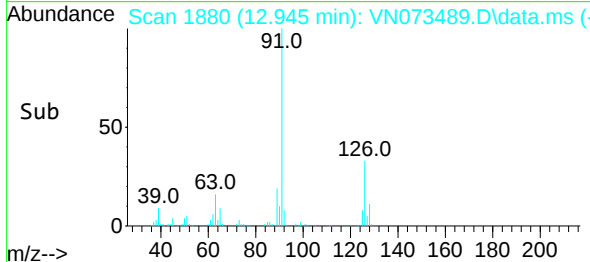
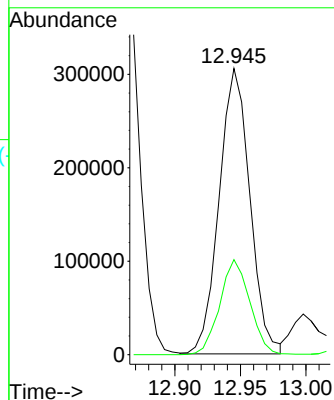
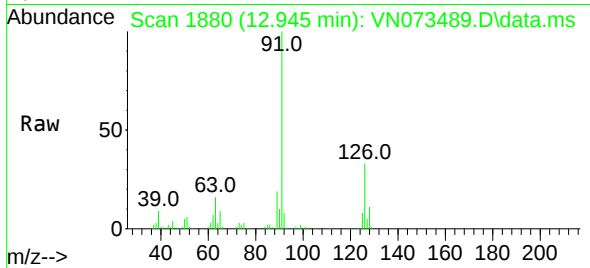




#79
2-Chlorotoluene
Concen: 52.166 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

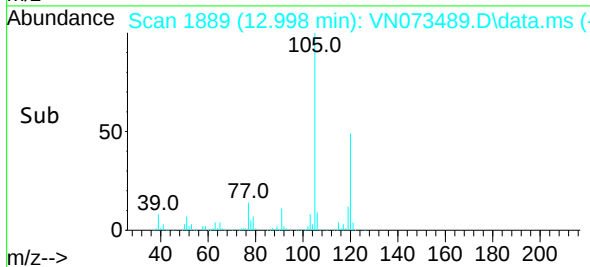
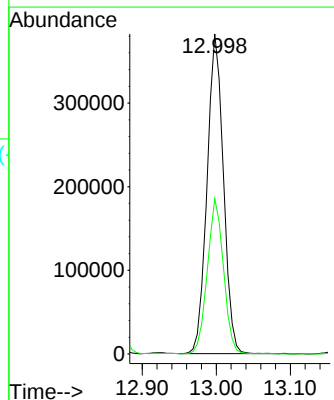
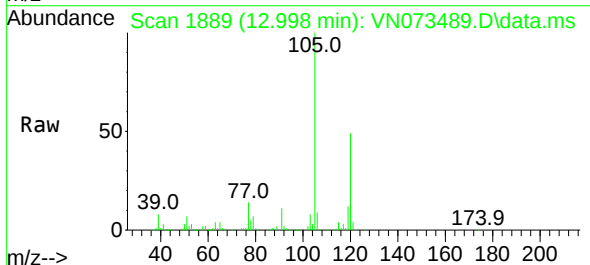
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 498615
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 52.869 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 105 Resp: 585816
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7

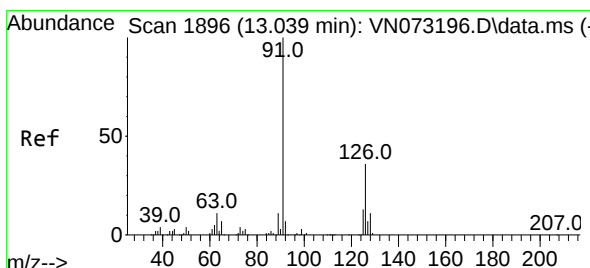
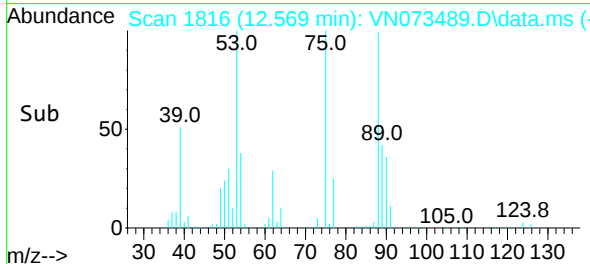
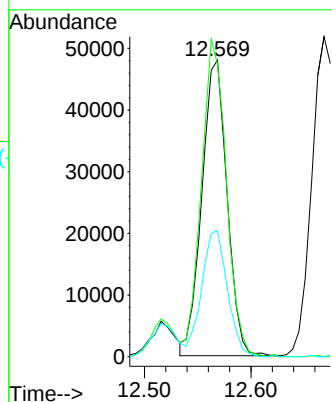
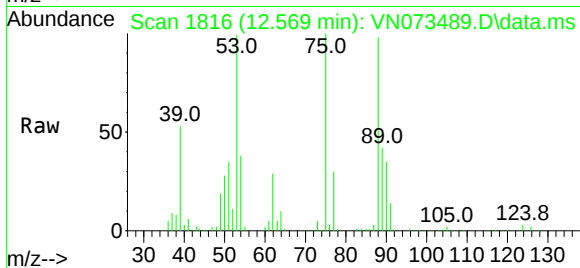




#81
trans-1,4-Dichloro-2-butene
Concen: 52.566 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

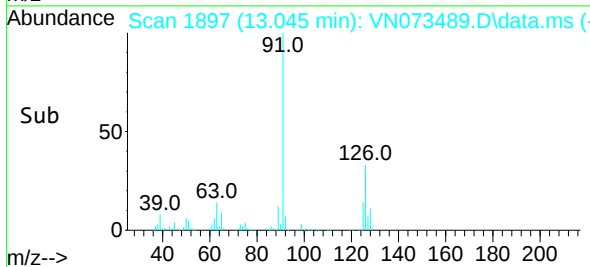
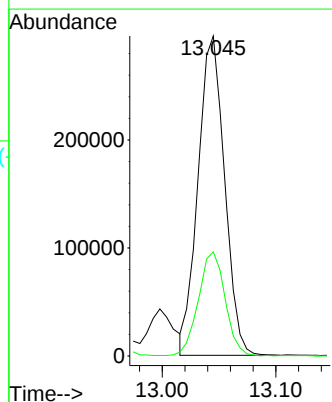
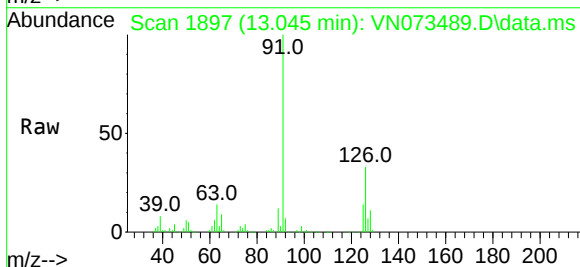
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 78901
Ion Ratio Lower Upper
75 100
53 106.3 78.0 117.0
89 43.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 51.797 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 91 Resp: 479313
Ion Ratio Lower Upper
91 100
126 32.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.479 ug/l

RT: 13.263 min Scan# 1934

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

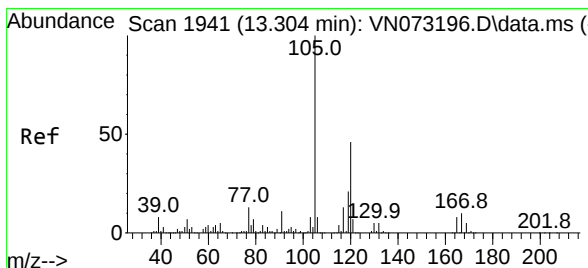
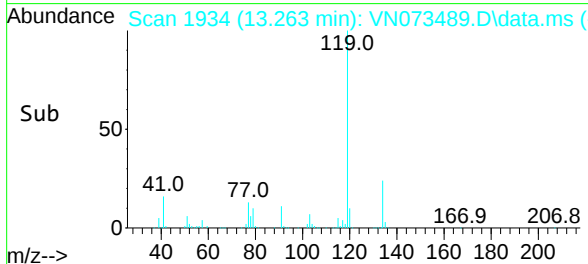
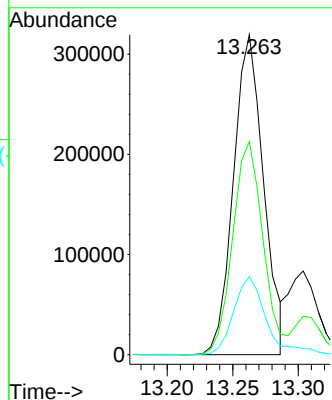
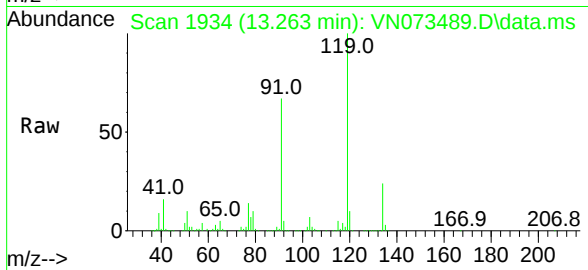
Tgt Ion:119 Resp: 511388

Ion Ratio Lower Upper

119 100

91 67.5 31.6 94.8

134 26.4 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 52.370 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073489.D

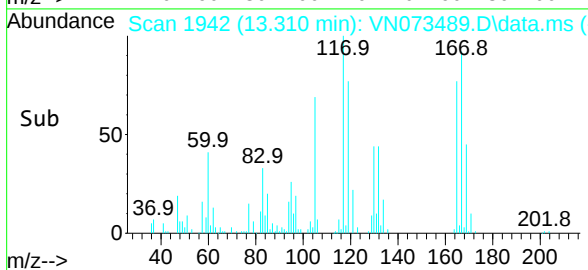
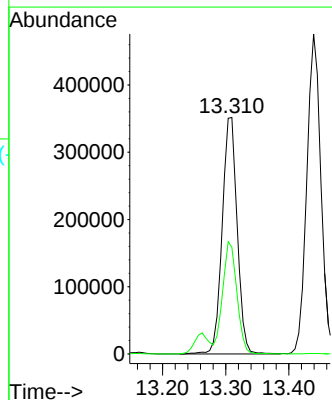
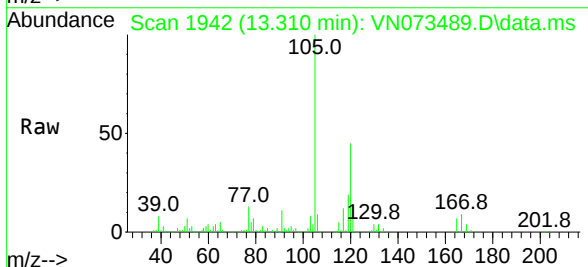
Acq: 18 Jul 2022 10:42

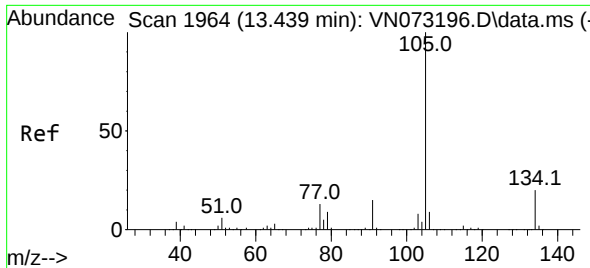
Tgt Ion:105 Resp: 579359

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8

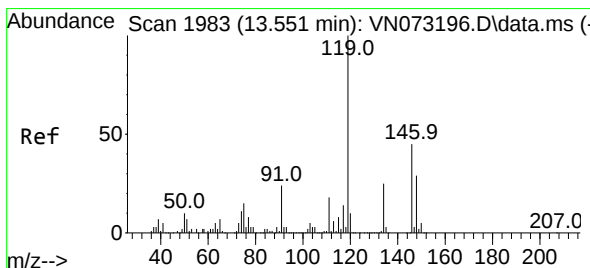
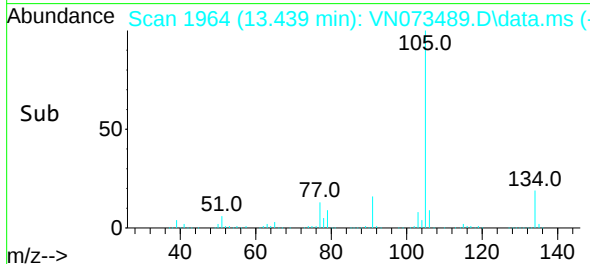
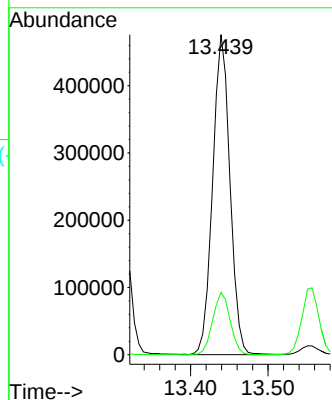
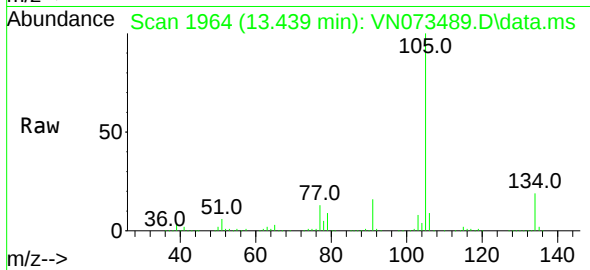




#85
 sec-Butylbenzene
 Concen: 55.237 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

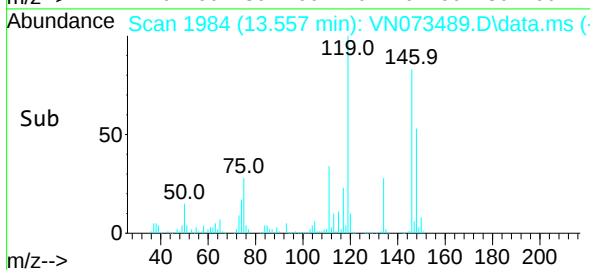
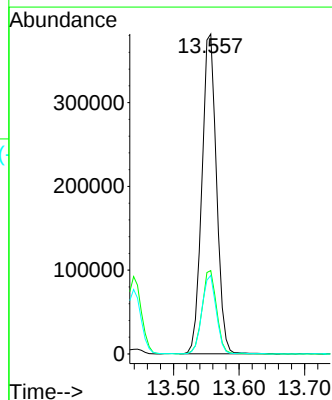
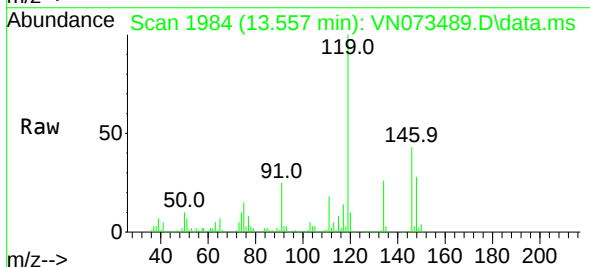
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

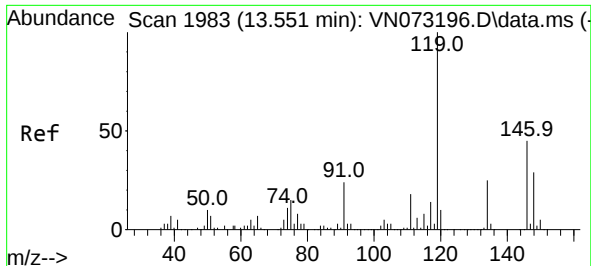
Tgt Ion:105 Resp: 736813
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 54.935 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion:119 Resp: 591955
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 23.9 11.3 33.9

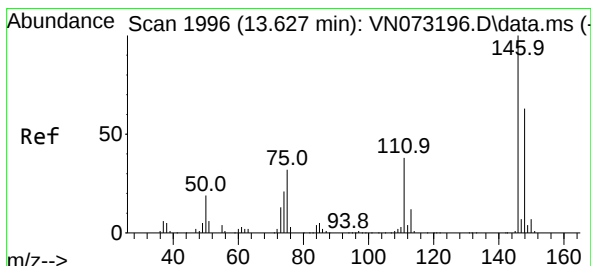
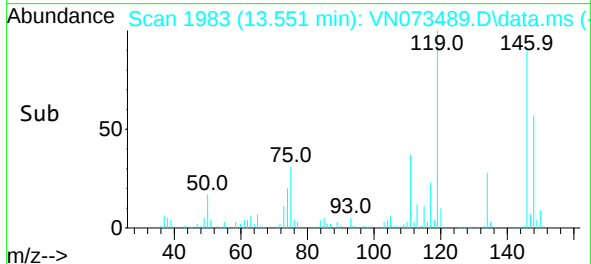
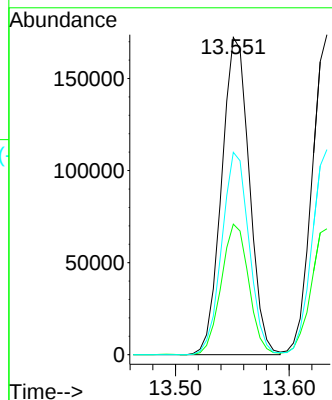
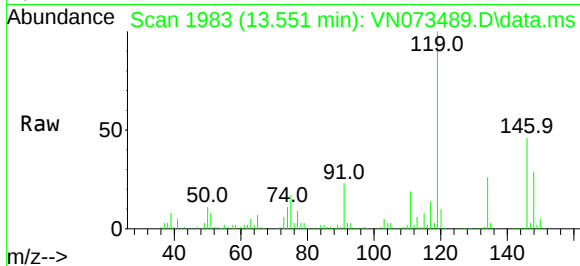




#87
 1,3-Dichlorobenzene
 Concen: 51.405 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

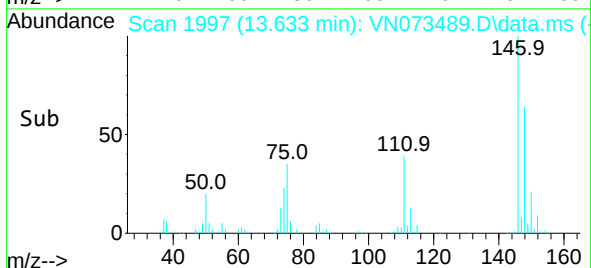
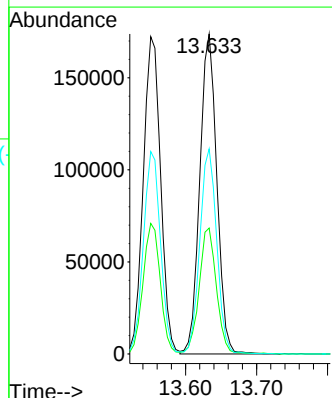
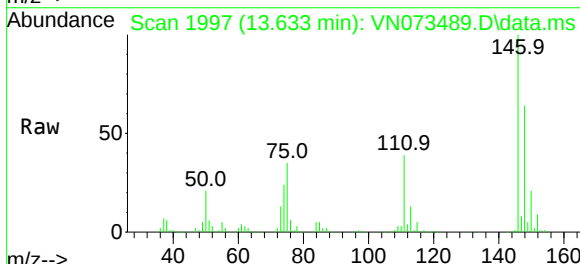
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

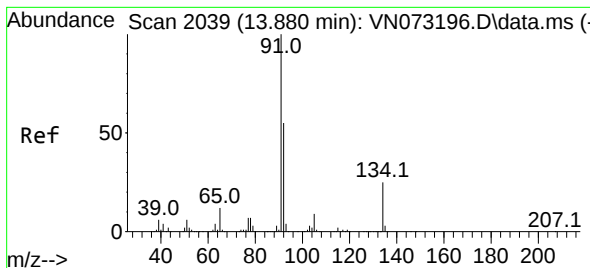
Tgt Ion:146 Resp: 291478
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 63.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.186 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073489.D
 Acq: 18 Jul 2022 10:42

Tgt Ion:146 Resp: 290801
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.1 57.1
 148 63.4 31.4 94.3





#89

n-Butylbenzene

Concen: 57.018 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

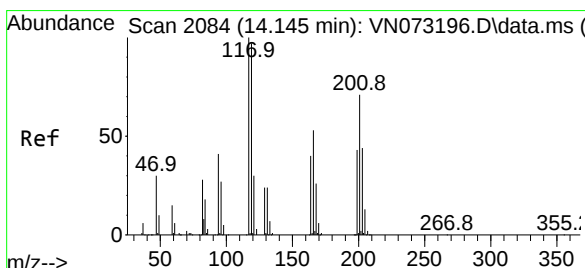
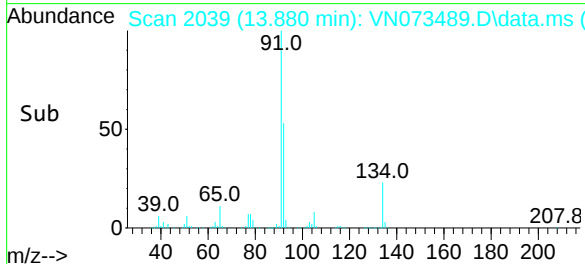
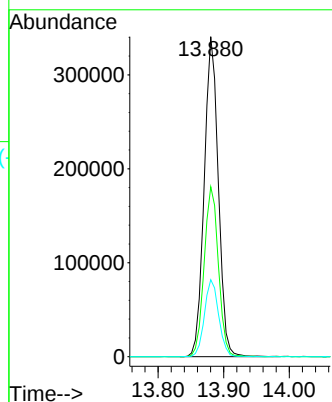
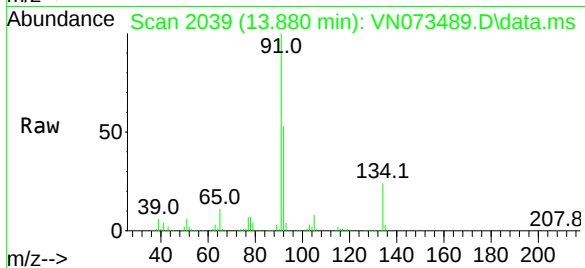
Tgt Ion: 91 Resp: 511977

Ion Ratio Lower Upper

91 100

92 53.5 26.9 80.7

134 24.2 13.6 40.8



#90

Hexachloroethane

Concen: 52.853 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VN073489.D

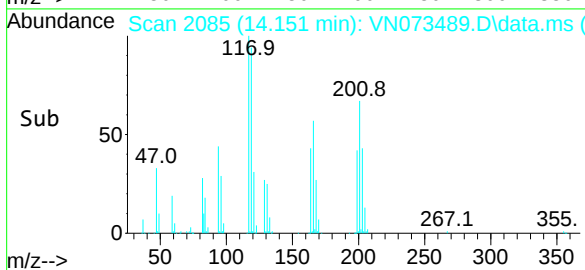
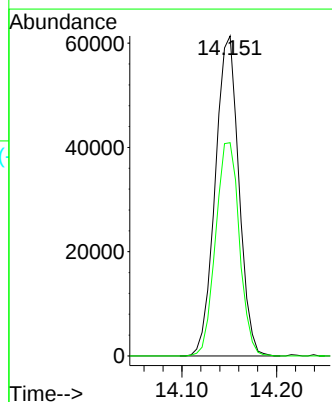
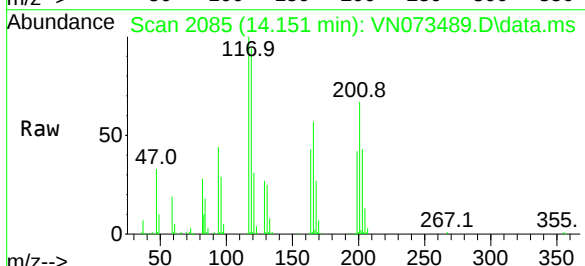
Acq: 18 Jul 2022 10:42

Tgt Ion: 117 Resp: 106137

Ion Ratio Lower Upper

117 100

201 67.2 40.6 122.0

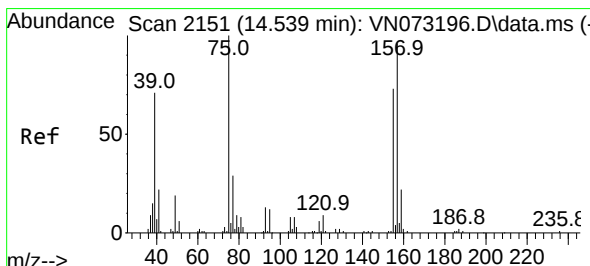
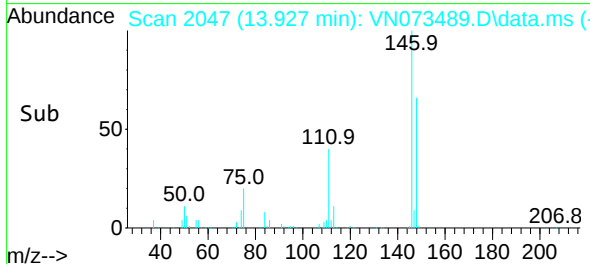
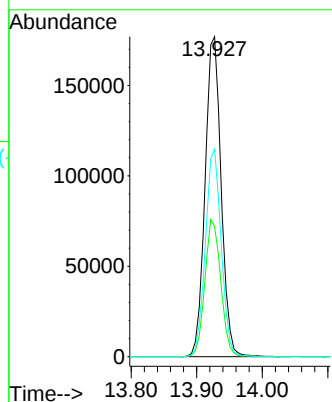
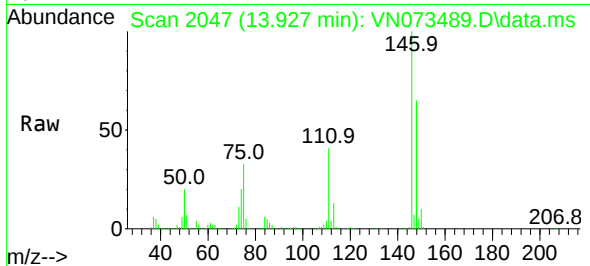




#91
1,2-Dichlorobenzene
Concen: 52.286 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

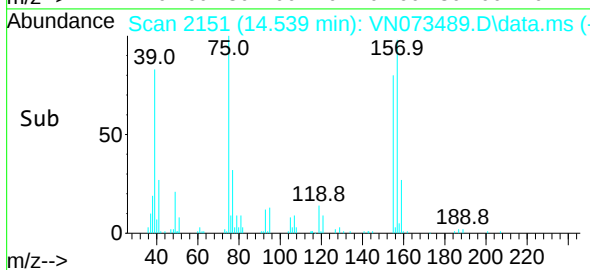
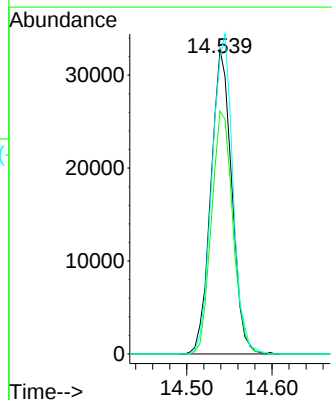
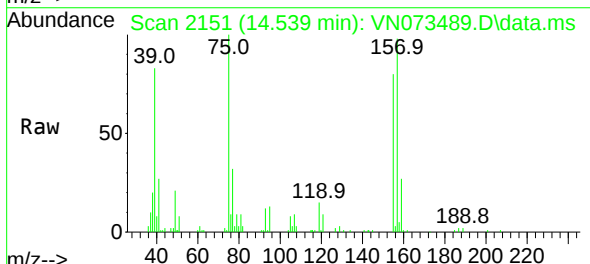
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 302013
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 64.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.929 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073489.D
Acq: 18 Jul 2022 10:42

Tgt Ion: 75 Resp: 55841
Ion Ratio Lower Upper
75 100
155 81.3 44.9 134.5
157 104.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 52.555 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

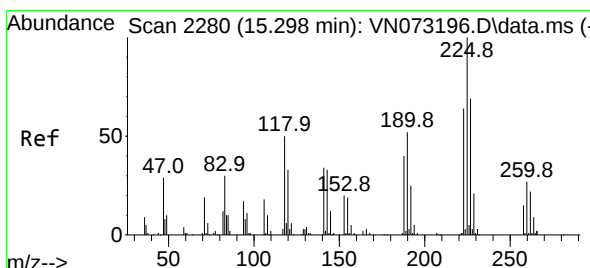
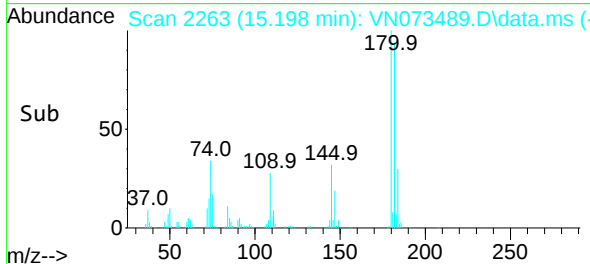
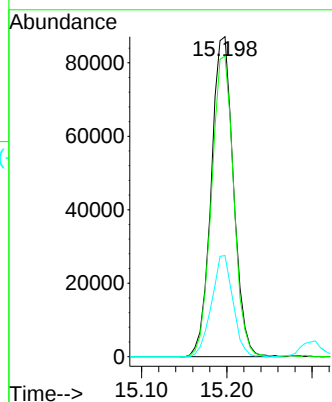
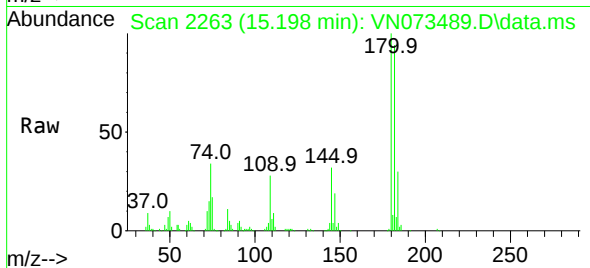
Tgt Ion:180 Resp: 158064

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.5

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 54.384 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

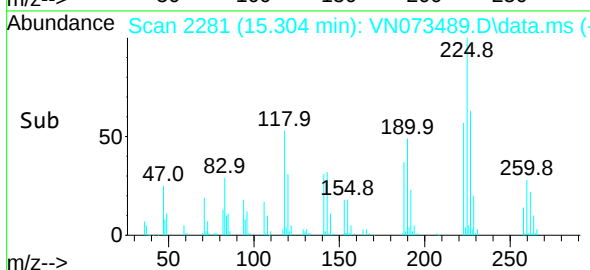
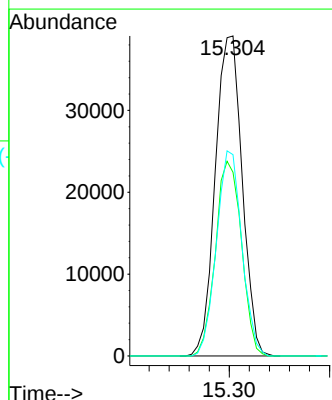
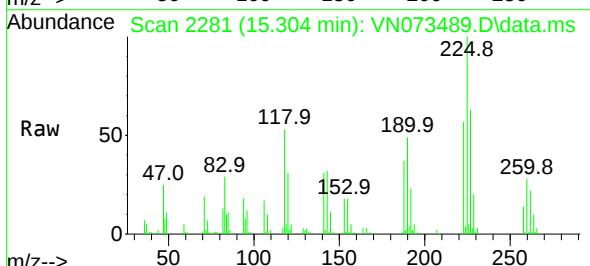
Tgt Ion:225 Resp: 72710

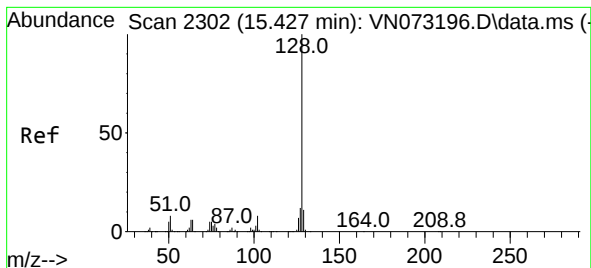
Ion Ratio Lower Upper

225 100

223 58.8 32.4 97.2

227 60.4 31.8 95.4





#95

Naphthalene

Concen: 48.140 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

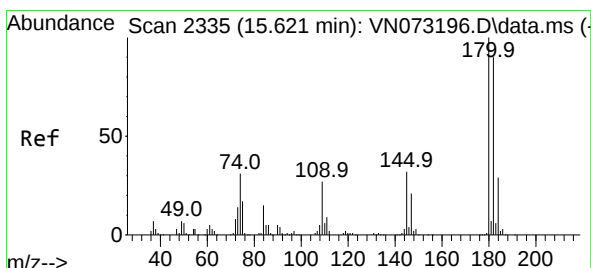
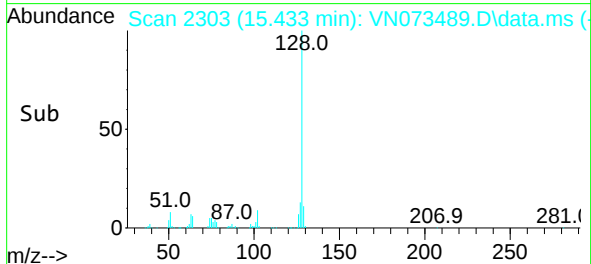
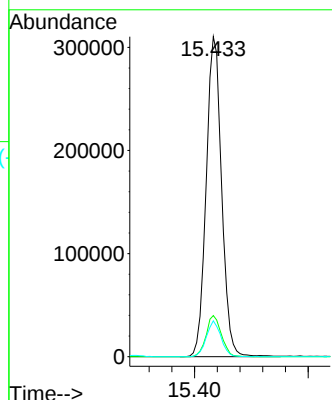
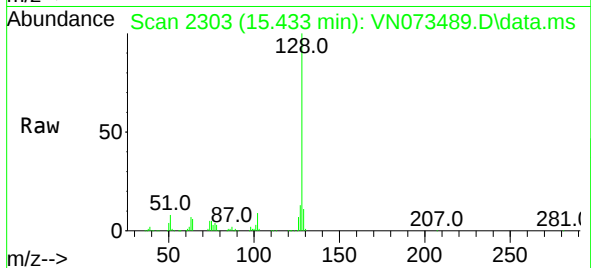
Tgt Ion:128 Resp: 584081

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.600 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073489.D

Acq: 18 Jul 2022 10:42

Tgt Ion:180 Resp: 163189

Ion Ratio Lower Upper

180 100

182 92.6 47.8 143.3

145 32.4 15.5 46.5

